

U.S. Department of Transportation

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Federal Aviation Administration





March 29, 1998 - April 4, 1998

Summary

GENERAL AVIATION, ZAC-327

You can improve Air Safety by reporting the problem when you see it!

SECTION

- I Significant Occurence Report
- II Domestic Service Difficulty Report
- III International Service Difficulty Report
- IV SDR Totals by District Office
- V Index By Aircraft Make and Model
- VI Joint Aircraft System/Component Code Table



SDR SUMMARY

General Aviation, ZAC-327



This summary includes domestic (United States) Service Difficulty Reports (SDRs) entered into the data base for aircraft weighing 12,500 lbs. and below. It also includes reports on aeronautical products (engines, propellers, and components), and all helicopters. A separate section for International SDRs for aircraft weighing 12,500 lbs. and under has also been included. Under a data exchange agreement, International SDRs are submitted to the FAA by the Civil Aviation Authority of other countries (currently, Canada - CAN, and Australia - AUS). All reports are sorted by aircraft make, model group (basic model), and Joint Aircraft System/Component (JASC) code. Within each aircraft model group, the specific model shown may vary, but similar types of reports will be grouped together and listed in ascending order by their JASC code. Each field contains all information submitted to the FAA. Some fields are not included in order to make the summary easier to read. Additional information may be obtained by referring to the "operator control number." Send your request to the Aviation Data Systems Branch, AFS-620 at the address or phone below.

The Regulatory Support Division (AFS-600) has established a "HomePage" on the Internet through which the same information is available. There is a large quantity of other information available through the AFS-600 HomePage such as the most current SDR system codes (i.e., Joint Aircraft System\Component Codes). The SDR Question and Answer Section of the Summary will also be transferred to the AFS-600 HomePage to simplify the process of preparing the SDR Summaries in the PDF format each week. There are "hot buttons" to take you to other locations and sites where FAA Flight Standards Service Information is available. The AFS-600 "HomePage" address is:

http://www.mmac.jccbi.gov/afs/afs600

"The Service Difficulty Reports in this publication are derived from unverified information submitted by the aviation community without FAA verification for accuracy. The number of SDRs submitted is not an indication of the mechanical reliability or fitness of an airline or individual operator, and the information should not be used as such."

Comments are welcomed and may be directed to:

Federal Aviation Administration Aviation Data Systems Branch, AFS-620 P.O. Box 25082 Oklahoma City, OK 73125-5029

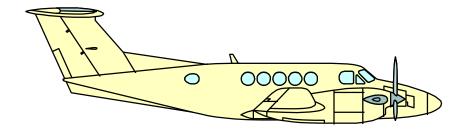
Phone: (405) 954-4171, Fax: (405) 954-4748

Your continued participation is essential and is an integral part of ensuring aviation safety. Thank you for supporting the Service Difficulty Program! If you have any questions regarding this special notice you can contact John Jackson at (405) 954-6486, or Jim Gillespie at (405) 954-1141, or Blake McDonald at (405) 954-0307 in the Aviation Systems Branch (AFS-620). Their E-mail addresses are:

john_e_jackson@mmacmail.jccbi.gov

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SIGNIFICANT OCCURRENCE REPORT





THE SIGNIFICANT OCCURRENCE REPORT



The Significant Occurrence Report is a compilation all of the star bordered reports that appear in the General Aviation Service Difficulty Report (SDR) Summary, ZAC-327. The Significant Occurrence Report is used to highlight industry problem areas to field inspectors and the aviation public.

Limited analysis is performed by the Aviation Data Systems Branch, AFS-620 during the preparation of the "Significant Occurrence Report", which is generated each week and is included in the front of the Air Carrier SDR Summary. Significant Reports are hand selected by AFS-620's inspectors based on the individual merit of each report. The criteria for selection includes, but is not limited to, items that indicate high failure rates; items related to accidents or incidents; or design or maintenance failures which may affect the safe operation of the aircraft.

In some cases, this limited analysis of SDR data leads to the preparation of information bulletins which are routed to the appropriate product certification office for further investigation of the problem. The end result may be the issuance of an airworthiness directive (AD) by the Aircraft Certification Service (AIR) if warranted.

The Significant Occurrence Report (section I) of the weekly SDR Summary is not intended to be a summary of all significant events and should not be used as such. We recommend that you review further the applicable sections of the SDR summary that may be of interest.

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
7240	66804	BEECH	GARRTT			COMBUSTION CASE	FAILED		3/10/98
YRRD	BE82	B100	TPE3316252B			8939735	LT ENG PLENUM		98ZZZX1246
****	INVEST DETERMININSPECT AND IT A THE ENG. MFG RE	NED THE LT ENG COM PPEARED THE PLENU PLIED PLENUM P/N A	BUSTION CASE (PLEN M HAD FAILED AT/AF ND S/N WERE NOT IN	IUM) HAD FAILED. ROUND THE P-3 FITT THE FACILITIES DA	ENG REMOVED FOR TING BOSS. ENG MF TA BASE, AND A NO	R REPAIR, ENG COMPARTM G CONTACTED TO ESTABI	TAKEOFF ABORTED, AND E IENT DAMAGE REPAIRED. LISH IF THE PLENUM WAS A S EVIDENT. SUBMITTER RE ECTIONS.	ENG DISA N ORIGIN	SSEMBLED FOR AL COMPONENT FOR
2822	212LA	BELL				DOUBLER	CORRODED		2/2/98
ULXR	3957	206B3					BOOST PUMP MT		98ZZZX1266
****	CORROSION OF TH	IE ALUMINUM MOUN	ΓING FLANGE. SUBM	IITTER SUGGESTED	A POSSIBLE CAUSE		REMOVAL OF THE FUEL CE IRE TRAPPED BETWEEN TH		
3230		GULSTM			AEROCD	ROLL PIN	SHEARED	5521	10/11/96
		690A			540084501		GEAR HANDLE		CA961112013
****	HYDRAULIC VALV		THE MANUAL MODE				DID NOT MOVE. LANDING O HE LANDING GEAR CONTR		
3340	47839	PIPER				POTENTIOMETER	SHORTED		2/1/98
	28R7837006	PA28R201				6743604	NAV LIGHTS		98ZZZX1242
****		ED AIRCRAFT AND EX HORT. INSULATED TE			LESHOT AND FOUN	D TERMINAL LUG ON POT	ENTIOMETER HAD CHAFEE	THROUG	H HOT LEAD AND
2730	12SU	SUKHOI				IDLER SUPPORT	CRACKED		3/2/98
	0102	SU26M					ELEV CONTROL		98ZZZX1244
****	AT THE FACTORY	WELDMENT. THE SUZ	26M SUKHOI IS CAPAI	BLE OF UNLIMITED	AEROBATICS, AND		IDLER SUPPORT MEMBER SEE +/- 10G ON THE METER IANEUVERS.		

(End of GENERAL AVIATION SIGNIFICANT OCCURRENCE REPORT)

Run Date: 09-Apr-98

FEDERAL AVIATION ADMINISTRATION SIGNIFICANT OCCURRENCE REPORT INDEX

Showing Specific Part Numbers and Aircraft Model by Year

FOR THE PERIOD OF: 3/29/98 To 4/4/98

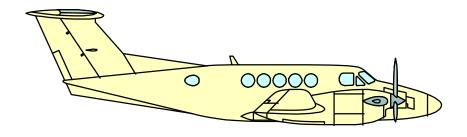
PART NUMBER								YEA	.R					
PART NAME	ACFT MODEL	TOTAL	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
2602540														
BOLT	7373A4	1	-	-	-	-	-	-	-	-	-	-	1	-
	7373T0	1	-	-	-	-	-	-	-	-	-	-	-	1
	737524	1	-	-	-	-	-	-	-	-	-	-	-	1
TIE BOLT	737*	1	-	-	-	-	-	-	-	-	-	-	1	-
	7373A4	1											1	
TOTAL of # 2602540 -		5	_	-	_	-	-	-	-	-	_	-	3	2
2770066001														
PLUNGER	SA227DC	1												1
TOTAL of # 277006600	01	1	-	-	-	-	-	-	-	-	-	-	-	1
329B7A														
FLIGHT DIRECTOR	SA226AT	1	-	-	-	-	-	-	-	-	-	-	-	1
GYRO HORIZON	SA226AT	1												1
TOTAL of # 329B7A -		2	-	-	-	-	-	-	-	-	-	-	-	2
6743604 POTENTIOMETER	PA28R201	1	-	-	-	-	-	-	-	-	-	-	-	1
TOTAL of # 6743604 -		1												1
762811														
SWITCH	650	2					1							1
TOTAL of # 762811		2	-	-	-	-	1	-	-	-	-	-	-	1
848														
BEARING	SA227DC	1	-	-	-	-	-	-	-	-	-	-	-	1
TOTAL of # 848		1				-	_	-				-		1
8939735 COMBUSTION CASE	B100	1	-	-	-	-	-	-	-	-	-	-	-	1

FAA SIGNIFICANT OCCURRENCE REPORT INDEX 3/29/98 To 4/4/98 (cont'd)

PART NUMBER								YEA	ıR					
PART NAME	ACFT MODEL	TOTAL	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
8939735														
PLENUM	MU2B26A	1	-	-	-	1	-	-	-	-	-	-	-	-
TOTAL of # 893973	35	2	_	_		1		-					-	1
		====												
TOTAL for ALL (13) PA	ART NUMBERS:	14	-	-	-	1	1	-	-	-	-	-	3	9
END OF SIGNIFICANT OC	CCURRENCE REPORT INDEX													



DOMESTIC SERVICE DIFFICULTY REPORT



ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
2140	1566P	BEECH				SHAFT	FAILED		2/6/98
IYOR	CE1294	F33A				3555011523	HEAT/VENT VALVE		98ZZZX1243
	POSITION MISSIN	G WHEN COMPARED TO	O THE ORIGINAL ASS	SY. THE TOP PORTIC	ON APPEARED TO H	AVE BEEN WELDED AND	ON FOUND THE WELD AT T GROUND DOWN WITH LITT JUNE 29, 1997 AND INSPECT	LE OR NO	PENETRATION OF THE
3213	101DF	CESSNA				BEARING	WORN	2285	2/20/98
	3120Q0828	310Q				51411091	RT MLG STRUT		98ZZZX1241
		STRUT TO REPAIR LEA ED SEALS TO FAIL.	KING SEALS. FOUNI	INNER BEARING, W	VHICH HAD BEEN RI	EPLACED IN C/W AD 90-02	-13, WORN APPROXIMATEL	Y .037 INCI	H. BRASS SHAVINGS
3340	47839	PIPER				POTENTIOMETER	SHORTED		2/1/98
	28R7837006	PA28R201				6743604	NAV LIGHTS		98ZZZX1242
****		ED AIRCRAFT AND EXI SHORT. INSULATED TE			LESHOT AND FOUN	D TERMINAL LUG ON POT	TENTIOMETER HAD CHAFE	O THROUG	H HOT LEAD AND
2730	12SU	SUKHOI				IDLER SUPPORT	CRACKED		3/2/98
	0102	SU26M					ELEV CONTROL		98ZZZX1244
****	AT THE FACTORY	WELDMENT. THE SU2	6M SUKHOI IS CAPA	BLE OF UNLIMITED	AEROBATICS, AND	*	R IDLER SUPPORT MEMBER D SEE +/- 10G ON THE METEI MANEUVERS.		

(End of DOMESTIC SERVICE DIFFICULTY REPORT SUMMARY - AIRCRAFT)

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6220	5775H	AEROSP				STARFLEX	CRACKED		1/15/98
ALGR	5025	AS355F1				350A31190703	M/R HEAD		98ZZZX1256
	DISCOVERED DUI	RING DAILY INSPECTIO	ON, FOUND 2 EACH S	TARFLEX ARMS SPL	INTERED.				
6322	5773X	AEROSP				STATOR	CRACKED	3946	1/23/98
ALGR	5004	AS355F			355A34010800	VT1604012	COOLER BLOWER	1505	98ZZZX1255
	DURING PHASE IN	NSPECTION, FOUND OIL	L COOLER BLOWER	STATOR MOUNTING	POINTS CRACKED.				
6520		AEROSP				GEARBOX	NOISY		3/19/98
HEEA		AS355F1			350A33020005	350A33109100	T/R		HEEA0013498
	HEARD A HIGH PI		RBOX. GEARBOX W	AS DIASSEMBLED A	ND COULD NOT FINI		AS REQUIRED. AFTER A FL NOTICED THAT PINION GEA		
2312	2278V	BELL				TRANSCEIVER	FAILED		3/23/98
HEEA	3632	206B3				064105430	COCKPIT		HEEA0013511
		CTION DUE. PERFORME 9 INTEGRATED CIRCUI			ED UNIT. FOUND D	ISPLAY NOT DIMMING. S	WAPPED OUT DS901 DISPL	AY AND V9	01 PHOTOCELL. NO
2436	6251V	BELL				VOLT REGULATOR	FAILED		3/26/98
HEEA	51404	206L3				206075447007	DC SYS		HEEA0013537
	VOLTAGE REGUL	ATOR FAILED. GEN DI	ROPS OFF LINE.						
2436	210PH	BELL				VOLT REGULATOR	FAILED		3/26/98
HEEA	51541	206L3				206075447007	DC SYS		HEEA0013542
	GENERATOR SLO	W TO COME ON LINE.							
2822	212LA	BELL				DOUBLER	CORRODED		2/2/98
ULXR	3957	206B3					BOOST PUMP MT		98ZZZX1266
****	CORROSION OF T	HE ALUMINUM MOUN	TING FLANGE. SUB	MITTER SUGGESTED	A POSSIBLE CAUSE		REMOVAL OF THE FUEL C URE TRAPPED BETWEEN TO 7.		
2840	3892R	BELL				INDICATOR	ERRATIC		3/18/98
HEEA	45594	206L1				206075186005	COCKPIT		HEEA0013413
	INDICATOR LOAD	SIDE ERRATIC AND H	AS FRICTION.						
2840	8590X	BELL				PROBE	FAILED		3/18/98
HEEA	51494	206L3				206064636103	FUEL SYS		HEEA0013436
	PROBE FLUCTUAT	ΓES.							
2841	22751	BELL				INDICATOR	ERROR		3/26/98
HEEA	3627	206B3				206075189101	FUEL QTY		HEEA0013563
	EXCESSIVE FRICT	TION ERROR.							
2842	8590X	BELL				TRANSMITTER	FAILED		3/18/98
HEEA	51494	206L3				206364601101	FUEL SYS		HEEA0013435

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
3340	2145C	BELL				POWER SUPPLY	INTERMITTENT		3/18/98
HEEA	3456	206B3				A490ATSDF1428	STROBE		HEEA0013427
	POWER SUPPLY I	NTERMITTENT.							
3340	5006F	BELL				POWER SUPPLY	FAILED		3/19/98
HEEA	45181	206L1				A490ATSDF1428	STROBE		HEEA0013472
	STROBE POWER S	UPPLY INOPERATIVE.							
3416	8588X	BELL				ALTIMETER	ERRORS		3/26/98
HEEA	51486	206L3				5934D1	COCKPIT		HEEA0013536
	ALTIMETER HAS I	EXCESSIVE FRICTION I	ERROR.						
5310	5007Y	BELL				PANEL ASSY	MIS MFG		3/19/98
HEEA	45192	206L1				206033099181	FUSELAGE		HEEA0013496
	INSERTS FOR FUE	L CROSSOVER MISLOC	CATED FROM BELL.						
5530		BELL				FIN ASSY	DAMAGED		3/18/98
HEEA		206L1				206020113163	VERT FIN		HEEA0013451
	· · · · · · · · · · · · · · · · · · ·	OUND DAMAGE IN ARI STINGER HOLE OVERS		CTURAL DAMAGE A	LLOWED TO VERTION	CAL FIN STRUCTURE AS PI	ER BHT-206-SRM-1 SECTIO	N 6-3-9. SCI	RATCH 2 3/4" LONG
6230	5000G	BELL				DRIVE LINK	WORN		1/21/98
ZV1R	45163	206L1				206010336005	M/R		98ZZZX1265
		ND DRIVE LINK ASSY V ARTS, LESS THAN 1,000			SEE BELL MM L-3 H	FIG 62-21. ON TEAR DOWN	, FOUND BEARINGS AND	SPACERS WO	ORN BEYOND LIMITS.
6230	2654	BELL				DRIVE LINK	WORN		1/21/98
ZV1R	45482	206L1				206010336005	M/R		98ZZZX1264
		ND DRIVE LINK ASSY V ARTS, LESS THAN 1,000			SEE BELL MM L-3 I	FIG 62-21. ON TEAR DOWN	, FOUND BEARINGS AND	SPACERS WO	ORN BEYOND LIMITS.
6240	31801	BELL				TACH GENERATOR	MALFUNCTION		3/26/98
HEEA	51074	206L3				206076373001	N2 ROTOR		HEEA0013555
	N2 ROTOR NEEDL	E BOUNCES.							
6320		BELL				PACKING	LEAKING		1/30/98
ALGR		206L1			206040004101	L15231487	QUILL		98ZZZX1260
	QUILL FROM LEA	KING. UPON EXAMINA	ATION OF SEVERAL N	NEW PACKINGS, FOU	ND SOME PACKING	THE L-1523-1487 O-RING PA APPROX 0.022 INCH THICK THER TRANSMISSIONS. W	KER THAN THE PACKING	THAT LEAK	ED. INSTALLED THE
6320	2621	BELL				SUN GEAR	WORN	3009	1/5/98
ZV1R	45400	206L1			206040004101	206040562101	TRANSMISSION	2844	98ZZZX1271
					, ,	9.4 HOURS. TT: 3,008.8 HO EPACK OF 3 YEARS OR 1,50			0 4-27-91. GREASE
6710	2145C	BELL				ACTUATOR	FAILED		3/18/98
HEEA	3456	206B3				206062721113	M/R		HEEA0013425

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6710	2285B	BELL				ACTUATOR	FAILED		3/19/98
HEEA	3642	206B3				206062721113	DROOP COMP		HEEA0013494
	ACTUATOR STICK	S AND INTERMITTENT	•						
6710	8588X	BELL				ACTUATOR	DEFECTIVE		3/19/98
HEEA	51486	206L3				206062721109	M/R		HEEA0013500
	UNABLE TO ADJU	ST STROKE TO PROPER	R SETTINGS.						
6710	8590X	BELL				ACTUATOR	FAILED		3/19/98
HEEA	51494	206L3				206062721109	M/R		HEEA0013456
	ACTUATOR WORK	S INTERMITTENTLY.							
6730	1078D	BELL				CYLINDER	LEAKING	14890	3/26/98
HEEA	45397	206L1				206076062003	CYCLIC		HEEA0013543
	SERVO LEAKING A	AND BOOT TORN.							
7200	3207Q	BELL	ALLSN			ENGINE	MALFUNCTION	5348	4/8/97
HEEA	51540	206L3	250C30P				POWER RPM	126	98ZZZX1268
	PERCENT ROTOR I	RPM. AFTER LANDING	AND EXERCISING (COLLECTIVE, THE RO	TOR RPM RETURNI		ENT. RETURNED TO OFFS. NTENANCE C/W A PRESSUI		
7210		BELL	ALLSN			GARLOCK SEAL	LEAKING		11/7/97
ALGR		206L4	250C30P		23053349	406340104101	PTO FWD SEAL		98ZZZX1274
							G TEST RUN, FOUND FORV GHT CAUSING SEALS TO BO		
7250	513EH	BELL	ALLSN			NOZZLE	CRACKED		3/23/98
HEEA	45421	206L1	250C28B		23033185	23008054	NR 1		HEEA0013508
		D DUE TO OIL BLOWIN D SERVICEABLE LIMIT				UE TO LOW POWER ON TE	ST CELL. UPON INSPECTION	ON OF TURB	INE PARTS NOTED:
7314	42EA	BELL				FUEL PUMP	WORN	5377	3/19/98
HEEA	51542	206L3				3881005	ENG FUEL		HEEA0013502
	FUEL PUMP HAS W	ORN SPLINES.							
7712	22751	BELL				TORQUEMETER	MALFUNCTION		3/26/98
HEEA	3627	206B3				206075739107	ENGINE		HEEA0013562
	SLUGGISH OPERA	ΓΙΟΝ AND FLUID IN GI	ASS.						
7712	2285B	BELL				TORQUE GAUGE	FAILED		3/19/98
HEEA	3642	206B3				206075185001	ENG TORQUE		HEEA0013480
	TORQUE GAUGE E	XCESSIVE FRICTION E	RROR.						
7712	31801	BELL				TORQUEMETER	STICKS		3/19/98
HEEA	51074	206L3				206075739103	ENGINE		HEEA0013481
	TORQUEMETER N	EEDLE STICKS AT 6%.							

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
7712	8588X	BELL				TORQUEMETER	FAILED		3/19/98
HEEA	51486	206L3				206075739103	ENG TORQUE		HEEA0013504
	TORQUE GAUGE I	FOR ENGINE FILLS UP V	WITH OIL WHEN ENG	INE IS RUNNING. SE	EE OIL IN SIGHT GLA	ASS FACE AND LEAKS ON F	PANEL.		
7714	5007Q	BELL				INDICATOR	STICKS		3/26/98
HEEA	45187	206L1				206070266001	GAS PRODUCER		HEEA0013567
	GAS PRODUCER N	IEEDLE STICKS AT STA	.RT.						
7714	50182	BELL				INDICATOR	FAILED		3/19/98
HEEA	45242	206L1				206070266009	COCKPIT		HEEA0013478
	INDICATOR WILL	NOT INDICATE.							
7714	6603X	BELL				GAGE	ERRATIC		3/19/98
HEEA	51412	206L3				206075682107	GAS PRODUCER		HEEA0013477
	GAS PRODUCER O	GAGE SMALL NEEDLE I	S ERRATIC.						
7720	22751	BELL				GAGE	DEFECTIVE		3/26/98
HEEA	3627	206B3				206075682001	GAS PROD		HEEA0013561
	GP GAGE NEEDLE	STICKS AND PARTICL	ES INSIDE GLASS.						
7931	8588X	BELL				INDICATOR	LEAKING		3/18/98
HEEA	51486	206L3				206075677103	ENG OIL		HEEA0013412
	LEAKING OIL AT	FACE. PRESSURE SIDE	HIGH OUT OF TOLER	RANCE.					
2800	102PH	BELL				PACKING	LEAKS	297	3/26/98
HEEA	30899	212			209062502101	MS29561210	OIL COOLER		HEEA0013526
	OIL LEAKAGE CA RETURNED TO SE		O-RING. O-RING HAS	BECOME BRITTLE A	AND BROKEN. THE	LEAKAGE IS BEING REPOR	TED AT APPROXIMATEL	Y 2 QTS. REP	LACED O-RING AND
3422	5736Ј	BELL				TRANSMITTER	ERRATIC		3/19/98
HEEA	31140	212				2594484	FLUX VALVE		HEEA0013484
	FLUX VALVE HAS	ERRATIC READINGS.							
3425	5736Ј	BELL				COMPENSATOR	FAILED		3/19/98
HEEA	31140	212				656767	COCKPIT HSI		HEEA0013490
	COMPENSATOR W	VILL NOT ADJUST.							
7931	3208H	BELL				TRANSMITTER	FAILED	4461	3/19/98
HEEA	31304	212				APTE138150G	ENG OIL		HEEA0013474
	TRANSMITS LOW	OUT OF TOLERANCE.							
2121	8045T	BELL				BLOWER	FAILED		3/26/98
HEEA	28101	214ST				214073917101	AIR DIST		HEEA0013554
	BLOWER POPS CIT	RCUIT BREAKER.							
2200	5748M	BELL				SENSOR DUALRATE	FAILED		3/19/98
HEEA	28102	214ST				214074104101	SCAS SYS		HEEA0013460
	KICKS SCAS PITCI	H OFF.							

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
2211	59806	BELL				COMPUTER	FAILED		3/18/98
HEEA	28140	214ST			FZ702	4033089901	AUTO FLIGHT		HEEA0013444
	COMPUTER FAILE	ED TEST 11.10 ON SST T	WICE.						
2400	8045T	BELL				CIRCUIT BREAKER	OPEN		3/18/98
HEEA	28101	214ST				M833830209	ELECT SYS		HEEA0013428
	RELAY IS STUCK	OPEN.							
2430	59806	BELL				RELAY	FAILED		3/26/98
HEEA	28140	214ST				214175171103	DC SYS		HEEA0013545
	GENERATOR FAL	LING OFF LINE.							
2432	59806	BELL				BATTERY CHARGER	FAILED		3/26/98
HEEA	28140	214ST				214175379103	DC SYS		HEEA0013547
	BATTERY LIGHT	COMES ON IN FLIGHT.	BATTERY CHARGE	R DEFECTIVE					
2435	6957Y	BELL				STARTER	FAILED	141	3/19/98
HEEA	28139	214ST				2CM272B1	START GENERATOR		HEEA0013495
	STARTER WILL N	OT SPIN.							
2841	59806	BELL				PROBE	FAILED		3/18/98
HEEA	28140	214ST				214066212105	FUEL SYS		HEEA0013449
	PROBE INOPERAT	TIVE.							
3421	3897N	BELL				VERTICAL GYRO	FAILED		3/18/98
HEEA	28106	214ST				501125501	COCKPIT		HEEA0013411
	VERT GYRO PREC	CESSES.							
3422	59805	BELL				TRANSMITTER	FAILED		3/19/98
HEEA	28141	214ST				2594484	FLUX VALVE		HEEA0013482
	TRANSMITTER RE	EADS LOW OUT OF TOI	LERANCE.						
3422	59805	BELL				TRANSMITTER	FAILED		3/19/98
HEEA	28141	214ST				2594484	FLUX VALVE		HEEA0013483
	TRANSMITTER EX	CESSIVE READINGS.							
3424	3897N	BELL				RATE GYRO	FAILED		3/19/98
HEEA	28106	214ST				214075244001	COCKPIT		HEEA0013459
	INDICATES TURN	WHEN STRAIGHT. RA	TE GYRO FAILED						
6240	3897N	BELL				DETECTOR	MALFUNCTION		3/26/98
HEEA	28106	214ST				214074280105	M/R RPM		HEEA0013556
	RPM DETECTOR H	IAS NO RPM LIGHT ILL	UMINATION.						
6240	3897N	BELL				DETECTOR	FAILED		3/18/98
HEEA	28106	214ST				214074280105	ROTOR RPM		HEEA0013450
	ROTOR RPM AUD	IO INOPERATIVE.							

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6710	8045T	BELL				ACTUATOR	FAILED		3/18/98
HEEA	28101	214ST				214001423109	M/R		HEEA0013448
	ACTUATOR MOTO	OR WEAK.							
6710	3897N	BELL				ACTUATOR	FAILED		3/26/98
HEEA	28106	214ST				214001423109	M/R		HEEA0013552
	ACTUATOR DOES	NOT WORK.							
6710	3897N	BELL				ACTUATOR	FAILED		3/26/98
HEEA	28106	214ST				214001423109	M/R		HEEA0013553
	ACTUATOR DOES	NOT WORK.							
6510	58236	BELL				DISC PACK	DAMAGED	748	3/5/98
VE3D	53069	407				406040340101	T/R DRIVE		98ZZZX1270
	INSPECTING HELI	COPTER PER AD 97-22-	15. FOUND 2 EACH T	AIL ROTOR DRIVE D	DISC BOLTS LOOSE	AND DISC PACK BEYOND	DAMAGE LIMIT. TT 789.0 HO	URS.	
6510	437AL	BELL				DISC PACK	CRACKED		2/12/98
ALGR	53141	407				406040340101	T/R SHAFT NR 5		98ZZZX1253
	DURING 25-HOUR	INPSECTION, FOUND	ONE DISC IN PACK AS	SEMBLY CRACKED	IT WAS THE NR 1 I	DISC IN THE PACK.			
6510	437AL	BELL				DISC PACK	CRACKED		1/18/98
ALGR	53141	407			407030801101		T/R DRIVE SHAFT		98ZZZX1254
	ON PHASE NR 1 IN	SPECTION WHILE DOI	NG AD 97-24-17 100-H	OUR BLOWER INSPI	ECTION, FOUND DIS	C NR 1 OF 10, TOTAL, CRA	ACKED (STARTING FRONT TO	BACK).	
2211	5759N	BELL				COMPUTER	DEFECTIVE		3/19/98
HEEA	33002	412				7000298901	AFCS		HEEA0013465
	INTERMITTENTLY	Y FAILS TEST 2.1 ON SS	T.						
2430	1202T	BELL				CONTROL UNIT	FAILED		3/18/98
HEEA	33112	412				51509002R	DC SYS		HEEA0013438
	CONTROL UNIT FA	AILED. NO OUTPUT.							
2430	1202T	BELL				CONTROL UNIT	FAILED		3/18/98
HEEA	33112	412				51509002R	DC SYS		HEEA0013439
	NO OUTPUT. CON	TROL UNIT FAILED							
2430	7128R	BELL				CONTROL UNIT	FAILED		3/18/98
HEEA	36007	412				51509002R	NR 1 DC SYS		HEEA0013441
	NR 1 GENERATOR	INOPERATIVE.							
2432	7128R	BELL				BATTERY	FAILED		3/19/98
HEEA	36007	412				30703001	DC SYS		HEEA0013499
	INSPECTED BY SH	IOP. FOUND BATTERY	HAS NUMEROUS BU	RNT CELLS AND WII	LL NOT PASS CAPAG	CITY TEST.			
2436	21498	BELL				CONTROL UNIT	FAILED		3/18/98
HEEA	36003	412				51539002N	DC SYS		HEEA0013420
	WILL NOT COME	ON LINE. CONTROL UN	IT FAILED						

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2436	6559Z	BELL				CONTROL UNIT	FAILED		3/18/98
HEEA	36019	412				51539002N	DC SYS		HEEA0013418
	GENERATOR WIL	L NOT COME ON LINE.	CONTROL UNIT FAI	LED					
2436	6559Z	BELL				CONTROL UNIT	FAILED		3/18/98
HEEA	36019	412				51539002N	DC SYS		HEEA0013419
	GENERATOR WILL	L NOT COME ON LINE.	CONTROL UNIT FAI	LED					
2437	22608	BELL				DUAL AMMETER	FAILED		3/19/98
HEEA	33075	412				209070264003	COCKPIT		HEEA0013486
	NR2 NEEDLE WIL	L NOT INDICATE.							
2810	107X	BELL				CHECK VALVE	LEAKING		3/26/98
HEEA	33113	412				214066226103	MID CELL		HEEA0013531
	CHECK VALVE FA	ULTY. FUEL IS LEAKI	NG INTO MID CELL.						
2820	21498	BELL				VALVE	FAILED		3/19/98
HEEA	36003	412				233575	FUEL SYS		HEEA0013457
	VALVE WILL NOT	CLOSE IN NORMAL PO	OSITION.						
2840	22608	BELL				SELECTOR	FAILED		3/26/98
HEEA	33075	412				384178091	FUEL QTY		HEEA0013530
	CAPACITANCE LO	W OUT OF TOLERANC	E.						
2841	23023	BELL				INDICATOR	DEFECTIVE		3/19/98
HEEA	33080	412				393008047	FUEL QTY		HEEA0013479
	WHEN TURNED O	FF INDICATOR RISES T	O 150 LBS.						
2910	3893L	BELL				VALVE ASSY	FAILED		3/19/98
HEEA	33006	412				212076006007	HYD SYS		HEEA0013463
	REMOTE BYPASS	INDICATOR ON.							
2910	3893N	BELL				LINE	CHAFED		3/25/97
HEEA	33010	412				212076153001	HYDRAULIC SYSTEM		98ZZZX1267
						VITHOUT FURTHER INCID 1-99-00, PAGE 36, FIGURE 2	ENT. MAINTENANCE FOUND 19-7, ITEM 93.	HYDRAU	JLIC LINE CHAFED
2910	108X	BELL				HOSE	LEAKING		3/16/98
HEEA	33115	412				70012F000T204	NR 1 HYD SYSTEM		98ZZZX1269
		NR 1 HYDRAULIC SYST PTER 29-99-00, FIG 29-3		OUT INCIDENT. (PRE	ESSURE INDICATION	N). MAINTENANCE FOUN	D HOSE TO COLLECTIVE SERV	O LEAK	ING, REPLACED SAME.
2915	107X	BELL				VALVE ASSY	FAILED		3/19/98
HEEA	33113	412				212076006007	HYD SYS		HEEA0013458
	BYPASS INDICATO	OR INOPERATIVE.							
2930	22608	BELL				INDICATOR	FAILED		3/19/98
HEEA	33075	412				124043	HYD SYS		HEEA0013475
		EEDLE STICKS. PAINT	RANGE MARKING						

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3340	3893P	BELL				STROBE	FAILED		3/26/98
HEEA	33012	412				7028501	STROBE		HEEA0013538
	STROBE INOPERA	TIVE, LIGHT WILL NO	T FLASH.						
3340	3893P	BELL			WHELEN	LIGHT	FAILED		3/26/98
HEEA	33012	412				7028521	STROBE		HEEA0013566
	STROBE LIGHT IN	OPERATIVE.							
3340	3893P	BELL				LIGHT	FAILED		3/26/98
HEEA	33012	412				7028501	STROBE		HEEA0013540
	STROBE LIGHT IN	OPERATIVE.							
3340	2149S	BELL				LIGHT	SHORTED		3/26/98
HEEA	36002	412				7028511	STROBE		HEEA0013539
	STROBE LIGHT SH	IORTED, CAUSES CIRC	UIT BREAKER TO PO	P.					
3414	22608	BELL				INDICATOR	STICKS		3/19/98
HEEA	33075	412				412075009105	AIRSPEED		HEEA0013466
	AIRSPEED NEEDL	E STICKS AND HAS ER	RATIC OPERATION.						
3416	22347	BELL				ENCODER	FAILED		3/19/98
HEEA	36005	412				8800	COCKPIT		HEEA0013491
	ALTITUDE ENCOL	DER INTERMITTENTLY	CAUSES GPS TO DIS	PLAY NO ATTITUDE	INPUT.				
3421	141PH	BELL				INDICATOR	FAILED		3/18/98
HEEA	33197	412				1113034	COCKPIT		HEEA0013422
	ATTITUDE INDICA	ATOR PITCHBALL ERRA	ATIC IN MOVEMENT.	KNOB INTERMITT	ENT.				
3425	3893P	BELL				INDICATOR	FAILED		3/18/98
HEEA	33012	412				1113025	COCKPIT HSI		HEEA0013414
	COCKPIT HSI RAT	CHETY WHEN POWER	IS APPLIED.						
5260	5759N	BELL				ACTUATOR	FAILED		3/25/98
HEEA	33002	412				SYLC502281	STEP		HEEA0013523
	STEP ACTUATOR	INOPERATIVE; DOES N	OT RETRACT.						
5260	3893L	BELL				ACTUATOR	FAILED	383	3/25/98
HEEA	33006	412				212075418105	STEP		HEEA0013518
	ACTUATOR INOPE	ERATIVE.							
5260	3893S	BELL				ACTUATOR	FAILED		3/18/98
HEEA	33022	412				212075418103	STEP		HEEA0013426
	STEP ACTUATOR	CAUSES STEP CIRCUIR	T BREAKER TO POP.						
5260	3893S	BELL				ACTUATOR	FAILED	53	3/25/98
HEEA	33022	412				212075418105	STEP		HEEA0013517
	STEP ACTUATOR	DOESN'T RETRACT.							

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5260	2298Z	BELL				ACTUATOR	FAILED		3/19/98
HEEA	33077	412				212075418103	STEP		HEEA0013487
	STEP ACTUATOR	INOPERATIVE POPS CI	RCUIT BREAKER.						
5260	107X	BELL				ACTUATOR	FAILED		3/25/98
HEEA	33113	412				SYLC502283	STEP		HEEA0013519
	STEP ACTUATOR	WEAK, POPS CIRCUIT I	BREAKER AFTER TW	O CYCLES.					
5260	2149S	BELL				ACTUATOR	FAILED		3/25/98
HEEA	36002	412				212075418103	STEP		HEEA0013522
	ACTUATOR WILL	NOT ACTUATE.							
5260	2149S	BELL				ACTUATOR	FAILED		3/25/98
HEEA	36002	412				212075418103	STEP		HEEA0013521
	ACTUATOR WILL	NOT EXTEND. OR SOM	METIMES RETRACT.						
5260	33008	BELL				ACTUATOR	FAILED		3/25/98
HEEA	36004	412				212075418103	STEP		HEEA0013524
	STEP ACTUATOR	INOPERATIVE.							
5260	22347	BELL				ACTUATOR	FAILED		3/25/98
HEEA	36005	412				SYLC502281	STEP		HEEA0013520
	ACTUATOR OCAS	SSIONALLY GIVES LIGH	HTS IN UP AND DOW	N POSITION WITH TE	EST BOX.				
5313	2071S	BELL				LONGERON	CRACKED		2/6/98
ALGR	33046	412			212030100111	206030128165B	LOWER LT		98ZZZX1247
		REMOVAL OF LEFT TA ING AT RIVET HOLES I					HREE PLACES. SUSPECT CAU	USE INDIC	ATES LACK OF
5610		BELL				WINDOW	MIS MFG		3/26/98
HEEA		412				P21207602	RT CHIN BUBBLE		HEEA0013565
	WINDOW DOES N ORIGINAL PURCH		IRCRAFT AIRFRAME	. DRAIN HOLES IN L	OWER CORNER ARI	E LOCATED IN WRONG PI	LACE. SENT TO NORDAM TE	XAS FOR C	REDIT AGAINST
5610		BELL				WINDOW	MIS MFG		3/26/98
HEEA		412				P21207601	LT LOWER		HEEA0013564
	WINDOW DOES N	OT FIT CONTOUR OF A	IRCRAFT AIRFRAME	. DRAIN HOLES IN L	OWER CORNER ARI	E LOCATED IN WRONG PI	LACE.		
6210		BELL				BLADE	DEFECTIVE	6113	3/19/98
HEEA		412				412015300106	M/R		HEEA0013507
	BLADE WAS REPA	AIRED NEAR THE MIDS	PAN TAB WHICH HAS	S CAUSED THE TIP T	O EXCEED THE MAX	X WEIGHT LIMIT BY 161 (GR.		
6220	900BH	BELL				BEARING	WORN	1888	3/26/98
	33195	412				412010106101	M/R RED		HAI0000001
	BEARING IS WOR	N EXCESSIVELY. REPL	ACED WITH NEW						
6240	2261D	BELL				INDICATOR	STUCK		3/26/98
HEEA	33076	412				412075010109	TRIPLE TACH		HEEA0013525
	ROTOR NEEDLE S	STUCK AT 120 RPM.							

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6710	3893S	BELL				ACTUATOR ROTARY	FAILED		3/26/98
HEEA	33022	412				214001347005	M/R		HEEA0013544
	ROTARY ACTUAT	OR INOPERATIVE.							
5710	3893S	BELL				ACTUATOR ROTARY	FAILED		3/18/98
HEEA	33022	412				214001347005	M/R		HEEA0013453
	ROTARY ACTUAT	OR WILL NOT TEST.							
7200	108X	BELL	PWA			COMPRESSOR	STALLS	16721	3/26/98
HEEA	33115	412	PT6T3B			3017600	ENGINE		HEEA0013558
	COMPRESSOR STA	ALLS.							
7200	18LA	BELL	PWA			ENGINE	FAILED	2220	1/28/98
/E3R	36043	412	PT6T3B				NR 1		98ZZZX1261
	AFTER GAINING A UNKNOWN AT TH		S SECURED AND AN WIN-PAC BEING SEN	OEI LANDING WAS N	MADE AT BURBANK				
210	2149S	BELL	PWA			GEARBOX	CRACKED	14364	3/18/98
IEEA	36002	412	PT6T3B			3017600	OIL TEMP PORT		HEEA0013415
	ENG HAS CRACKE	ED GEARBOX AT OIL T	EMP BULB PORT.						
7712	141PH	BELL				TRANSMITTER	ERRATIC		3/19/98
HEEA	33197	412				412075205101	ENG TORQUE		HEEA0013462
	ERRATIC TORQUI	E FLUCTUATION ON NI	R1 ENGINE.						
7714	2014K	BELL				INDICATOR	STICKS		3/18/98
HEEA	33020	412				412075010109	TRIPLE TACH		HEEA0013423
	NR 1 NEEDLE STIC	CKS AND INDICATES L	OW OUT OF TOLERA	NCE.					
7714	22608	BELL				INDICATOR	ERROR		3/18/98
HEEA	33075	412				412075010109	TRIPLE TACH		HEEA0013443
	10 ERROR SPLIT E	XCESSIVE FRICTION E	RROR.						
7722	2149S	BELL				TRIM COMPENSATOR	FAILED		3/18/98
HEEA	36002	412				3030083	ENGINE ITT		HEEA0013452
	TRIM COMPENSA	TOR CAUSES ITT CIRC	UIT BREAKER TO PO	P.					
7810	2071S	BELL				DUCT ASSY	CRACKED		2/6/98
ALGR	33046	412			3017600	3026934	EXHAUST FLANGE		98ZZZX1248
		I SEVERE CRACK ALO				LY 1.25 INCHES LONG ON FO EAD FROM FORWARD TO A			
810	142PH	BELL				EJECTOR	CRACKED		3/18/98
HEEA	33150	412				212061201011	LT EXH		HEEA0013445

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7810	142PH	BELL				EJECTOR	CRACKED		3/18/98
HEEA	33150	412				212061201012	RT EXH		HEEA0013446
	RT EJECTOR ASS	RING CRACKED.							
7931	3893L	BELL				TRANSMITTER	FAILED		3/19/98
HEEA	33006	412				APTE138100G	OIL PRESS		HEEA0013473
	TRANSMITS 20 PS	I HIGH.							
6220	241CH	BOEING				SHOULDER BOLT	FAILED		3/17/98
CHIR	MJ016	234			414R2002	114R22012	ROTOR HEAD		CHI2077
	AFT ROTOR HEAD	SHOULDER BOLT FAI	ILED. SUBMITTER ST	ΓATED 114R22012 IS	THE IMPROVED BOI	LT THAT IS SUPPOSED TO	PREVENT THIS TYPE OF FAIL	URE.	
2436	3533T	BOLKMS				REGULATOR	FAILED		3/19/98
HEEA	S111	BO105S				51565000R	DC SYS		HEEA0013468
	VOLTAGE WILL N	IOT ADJUST.							
2913	6607K	BOLKMS				GUIDE ASSY	REQUIRED LUBE		3/16/98
HEEA	S841	BO105S			10545028	D1331454E	HYDRAULIC PACK		98ZZZX1239
		CK LIGHT ILLUMINATI BO-105 IPB, CHAPTER			ASE AND LANDED W	TITHOUT INCIDENT. MAIN	NTENANCE LUBRICATED MIC	ROSWITO	CH AND GUIDE
3416	3520T	BOLKMS				ALTIMETER	MALFUNCTION		3/26/98
HEEA	S539	BO105S				10162701696	COCKPIT ENCODER		HEEA0013568
	EXCESSIVE FRICT	TION ERROR AND ENCO	ODER READS LOW.						
3424	3533T	BOLKMS				INDICATIOR	FAILED		3/26/98
HEEA	S111	BO105S				A1605	TURN & BANK		HEEA0013535
	TURN & BANK IN	DICATOR HAS NO INDI	ICATION.						
3457	624MB	BOLKMS				GPS 150	FAILED		3/19/98
HEEA	S751	BO105S				0110005400	COCKPIT		HEEA0013497
	CANNOT ACQUIR	E SATELLITES FOR 1 1/	/2 HOURS ON 1ST FLI	GHT OF DAY. PERFO	RMED PRELIMINAR	RY INSPECTION. FOUND U	INIT TO TAKE EXCESSIVELY I	LONG TO	LOCK ON.
6210	9190Y	BOLKMS				BLADE	CRACKED	2891	3/19/98
HEEA	S669	BO105S				10515141	M/R		HEEA0013506
	M/R BLADE NOSE	AND NECK SHELL CRA	ACKED AND SEPARA	TED.					
6210	9190Y	BOLKMS				BLADE	CRACKED	2891	3/19/98
HEEA	S669	BO105S				10515141	M/R		HEEA0013505
	M/R BLADE NOSE	AND NECK SHELL CRA	ACKED AND SEPARA	TED.					
6240	3533T	BOLKMS				INDICATOR	MALFUNCTION		3/26/98
HEEA	S111	BO105S				HMM02	MAST MOMENT		HEEA0013533
	LIGHT FLICKERS	WHEN POWER TURNEI	D ON.						
6240	3533T	BOLKMS				TRANSMITTER	FAILED		3/26/98
HEEA	S111	BO105S				10594576	MAST MOMENT		HEEA0013534
	MAST MOMENT T	RANSMITTER WILL NO	OT CHECK CORRECT	LY.					

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6240	81832	BOLKMS				INDICATOR	FAILED		3/19/98
HEEA	S828	BO105S				10594564	MAST MOMENT		HEEA0013471
	INDICATOR WILL	TEST BUT WILL NOT V	WORK IN FLIGHT.						
6240	81832	BOLKMS				TRANSMITTER	FAILED		3/19/98
HEEA	S828	BO105S				10594575	MAST MOMENT		HEEA0013470
	MAST MOMENT T	TRANSMITTER WILL TE	EST BUT WILL NOT V	WORK IN FLIGHT.					
6320	967MB	BOLKMS				UPPER HOUSING	DEFECTIVE		3/26/98
HEEA	S737	BO105S				4638201005	M/R GR BOX		HEEA0013559
	UPPER BORE WO	RN LINER LOOSE.							
6320	967MB	BOLKMS				CENTER CASE	WORN		3/26/98
HEEA	S737	BO105S				4619201902	GR BOX		HEEA0013549
	TR QUILL WORN.	OIL NOZZLE SEAT WO	ORN. ACCY FAN DRI	VE QUILLS WORN AN	D PIN SEAT WORN.				
6320	967MB	BOLKMS				LOWER HOUSING	CORRODED		3/26/98
HEEA	S737	BO105S				4638201004	M/R		HEEA0013548
	M/R GR BOX LINE	ERS LOOSE. INTERNAL	SHAFT SEAT WORN	. CORROSION ON LO	WER FLANGE.				
6710	352TT	BOLKMS				PITCH LINK	CRACKED		2/12/98
ALGR	S59	BO105C				10513122	MAIN ROTOR HUB		98ZZZX1249
		Y INSPECTION OF AD 8' SERVICEABLE LINK IA	,			OM END OF ROD ON SLE	EVE PORTION. REMOVED C	RACKED P	TCH LINK (BLUE),
	11112 1110 11112222								
7230	105НН	BOLKMS	ALLSN			WHEEL BLADE	MISSING		3/9/98
7230 CK2R			ALLSN 250C20B			WHEEL BLADE 6876655	MISSING COMPRESSOR NR 5	1722	3/9/98 98ZZZX1273
	105HH S339 UPON COMPRESS AS NO DOWNSTR	BOLKMS BO105S OR DISASSEMBLY FOR	250C20B OVERHAUL, FOUNI			6876655 COMPRESSOR WHEEL. E		XITED THE	98ZZZX1273 OUGH BLEED VALVE
	105HH S339 UPON COMPRESS AS NO DOWNSTR	BOLKMS BO105S OR DISASSEMBLY FOR EAM DAMAGE OCCURI	250C20B OVERHAUL, FOUNI			6876655 COMPRESSOR WHEEL. E	COMPRESSOR NR 5 BLADE APPEARS TO HAVE E	XITED THE SION PIT H	98ZZZX1273 OUGH BLEED VALVE
CK2R	105HH S339 UPON COMPRESS AS NO DOWNSTR CHORD OF BLAD	BOLKMS BO105S OR DISASSEMBLY FOR EAM DAMAGE OCCURI E AT BREAK POINT.	250C20B OVERHAUL, FOUNI RED. NO IN-SERVICE			6876655 COMPRESSOR WHEEL. E PRESSOR WHEEL EXHIB	COMPRESSOR NR 5 BLADE APPEARS TO HAVE E BITS EVIDENCE OF A CORRO	XITED THE SION PIT H	98ZZZX1273 OUGH BLEED VALVE ALF WAY THROUGH
7240	105HH S339 UPON COMPRESS AS NO DOWNSTR CHORD OF BLADE 352TT S59 UPON DISASSEMI BAND AND CRACE	BOLKMS BO105S OR DISASSEMBLY FOR EAM DAMAGE OCCUR! E AT BREAK POINT. BOLKMS BO105C BLY OF TURBINE FOR F	250C20B OVERHAUL, FOUNI RED. NO IN-SERVICE ALLSN 250C20B REPAIR DUE TO BLOGGESTED POSSIBLY I	E DIFFICULTY WAS R WING OIL OUT OF EX DUE TO TIGHT FIT TO	EPORTED. THE COM 6898735 HAUST, FOUND DOM NEW NR 1 FLOATIN	6876655 COMPRESSOR WHEEL. E IPRESSOR WHEEL EXHIB NOZZLE SHIELD 23062750 ME AND SHIELD HAD HEA IG DIAPHRAGM NOZZLE	COMPRESSOR NR 5 BLADE APPEARS TO HAVE E BITS EVIDENCE OF A CORRO CRACKED	SION PIT H 1123 PART SEPA	98ZZZX1273 COUGH BLEED VALVE ALF WAY THROUGH 1/22/98 98ZZZX1250 ARATED FROM INNER
7240	105HH S339 UPON COMPRESS AS NO DOWNSTR CHORD OF BLADE 352TT S59 UPON DISASSEMI BAND AND CRACE	BOLKMS BO105S OR DISASSEMBLY FOR EAM DAMAGE OCCUR! E AT BREAK POINT. BOLKMS BO105C BLY OF TURBINE FOR F	250C20B OVERHAUL, FOUNI RED. NO IN-SERVICE ALLSN 250C20B REPAIR DUE TO BLOGGESTED POSSIBLY I	E DIFFICULTY WAS R WING OIL OUT OF EX DUE TO TIGHT FIT TO	EPORTED. THE COM 6898735 HAUST, FOUND DOM NEW NR 1 FLOATIN	6876655 COMPRESSOR WHEEL. E IPRESSOR WHEEL EXHIB NOZZLE SHIELD 23062750 ME AND SHIELD HAD HEA IG DIAPHRAGM NOZZLE	COMPRESSOR NR 5 BLADE APPEARS TO HAVE E BITS EVIDENCE OF A CORRO CRACKED COMBUST SECTION AVY OIL STAINS AND DOME AND POSSIBLE VIBRATION	SION PIT H 1123 PART SEPA	98ZZZX1273 COUGH BLEED VALVE ALF WAY THROUGH 1/22/98 98ZZZX1250 ARATED FROM INNER
CK2R 7240 ALGR	105HH S339 UPON COMPRESS AS NO DOWNSTR CHORD OF BLADD 352TT S59 UPON DISASSEMI BAND AND CRAC ASSURE NR 1 NO	BOLKMS BO105S OR DISASSEMBLY FOR EAM DAMAGE OCCURI E AT BREAK POINT. BOLKMS BO105C BLY OF TURBINE FOR R EKED. SUBMITTER SUG	250C20B OVERHAUL, FOUNI RED. NO IN-SERVICE ALLSN 250C20B REPAIR DUE TO BLOGGESTED POSSIBLY I	E DIFFICULTY WAS R WING OIL OUT OF EX DUE TO TIGHT FIT TO	EPORTED. THE COM 6898735 HAUST, FOUND DOM NEW NR 1 FLOATIN	6876655 COMPRESSOR WHEEL. E IPRESSOR WHEEL EXHIB NOZZLE SHIELD 23062750 ME AND SHIELD HAD HEA IG DIAPHRAGM NOZZLE SHT FIT AT TANGS TO SA	COMPRESSOR NR 5 BLADE APPEARS TO HAVE E BITS EVIDENCE OF A CORRO CRACKED COMBUST SECTION AVY OIL STAINS AND DOME AND POSSIBLE VIBRATION DDLE COULD CAUSE THIS F	SION PIT H 1123 PART SEPA	98ZZZX1273 COUGH BLEED VALVE ALF WAY THROUGH 1/22/98 98ZZZX1250 ARATED FROM INNER IN ON THE NOZZLE).
7240 ALGR	105HH S339 UPON COMPRESS AS NO DOWNSTR CHORD OF BLADD 352TT S59 UPON DISASSEMI BAND AND CRAC ASSURE NR 1 NO2 205UC S668	BOLKMS BO105S OR DISASSEMBLY FOR EAM DAMAGE OCCURIE AT BREAK POINT. BOLKMS BO105C BLY OF TURBINE FOR FORE EXED. SUBMITTER SUGZZLE SHIELD HAS SNUC	250C20B OVERHAUL, FOUNI RED. NO IN-SERVICE ALLSN 250C20B REPAIR DUE TO BLO GGESTED POSSIBLY I G TO LIGHT LOOSE I	E DIFFICULTY WAS R WING OIL OUT OF EX DUE TO TIGHT FIT TO	EPORTED. THE COM 6898735 CHAUST, FOUND DOM NEW NR 1 FLOATIN	6876655 COMPRESSOR WHEEL. E IPRESSOR WHEEL EXHIB NOZZLE SHIELD 23062750 ME AND SHIELD HAD HEA IG DIAPHRAGM NOZZLE SHT FIT AT TANGS TO SA INDICATOR	COMPRESSOR NR 5 BLADE APPEARS TO HAVE E BITS EVIDENCE OF A CORRO CRACKED COMBUST SECTION AVY OIL STAINS AND DOME AND POSSIBLE VIBRATION DDLE COULD CAUSE THIS F FAILED	SION PIT H 1123 PART SEPA	98ZZZX1273 COUGH BLEED VALVE ALF WAY THROUGH 1/22/98 98ZZZX1250 ARATED FROM INNER IN ON THE NOZZLE).
7240 ALGR	105HH S339 UPON COMPRESS AS NO DOWNSTR CHORD OF BLADD 352TT S59 UPON DISASSEMI BAND AND CRAC ASSURE NR 1 NO2 205UC S668	BOLKMS BO105S OR DISASSEMBLY FOR EAM DAMAGE OCCUR! E AT BREAK POINT. BOLKMS BO105C BLY OF TURBINE FOR FOR EXED. SUBMITTER SUGZZLE SHIELD HAS SNUGBOLKMS BO105S	250C20B OVERHAUL, FOUNI RED. NO IN-SERVICE ALLSN 250C20B REPAIR DUE TO BLO GGESTED POSSIBLY I G TO LIGHT LOOSE I	E DIFFICULTY WAS R WING OIL OUT OF EX DUE TO TIGHT FIT TO	EPORTED. THE COM 6898735 CHAUST, FOUND DOM NEW NR 1 FLOATIN	6876655 COMPRESSOR WHEEL. E IPRESSOR WHEEL EXHIB NOZZLE SHIELD 23062750 ME AND SHIELD HAD HEA IG DIAPHRAGM NOZZLE SHT FIT AT TANGS TO SA INDICATOR	COMPRESSOR NR 5 BLADE APPEARS TO HAVE E BITS EVIDENCE OF A CORRO CRACKED COMBUST SECTION AVY OIL STAINS AND DOME AND POSSIBLE VIBRATION DDLE COULD CAUSE THIS F FAILED	SION PIT H 1123 PART SEPA	98ZZZX1273 COUGH BLEED VALVE ALF WAY THROUGH 1/22/98 98ZZZX1250 ARATED FROM INNER IN ON THE NOZZLE).
7240 ALGR 7714 HEEA	105HH S339 UPON COMPRESS AS NO DOWNSTR CHORD OF BLADI 352TT S59 UPON DISASSEMI BAND AND CRAC ASSURE NR 1 NOZ 205UC S668 INDICATOR REAL	BOLKMS BO105S OR DISASSEMBLY FOR EAM DAMAGE OCCURI E AT BREAK POINT. BOLKMS BO105C BLY OF TURBINE FOR R EXED. SUBMITTER SUG ZZLE SHIELD HAS SNUC BOLKMS BO105S DS TOO LOW AT FLIGHT	250C20B OVERHAUL, FOUNI RED. NO IN-SERVICE ALLSN 250C20B REPAIR DUE TO BLO GGESTED POSSIBLY I G TO LIGHT LOOSE I	E DIFFICULTY WAS R WING OIL OUT OF EX DUE TO TIGHT FIT TO	EPORTED. THE COM 6898735 CHAUST, FOUND DOM NEW NR 1 FLOATIN	6876655 COMPRESSOR WHEEL. E IPRESSOR WHEEL EXHIB NOZZLE SHIELD 23062750 ME AND SHIELD HAD HEA IG DIAPHRAGM NOZZLE SHIT FIT AT TANGS TO SA INDICATOR 4011001	COMPRESSOR NR 5 BLADE APPEARS TO HAVE E BITS EVIDENCE OF A CORRO CRACKED COMBUST SECTION AVY OIL STAINS AND DOME AND POSSIBLE VIBRATION DDLE COULD CAUSE THIS F FAILED TRIPLE TACH	SION PIT H 1123 PART SEPA	98ZZZX1273 COUGH BLEED VALVE ALF WAY THROUGH 1/22/98 98ZZZX1250 ARATED FROM INNER IN ON THE NOZZLE). 3/19/98 HEEA0013485
7240 ALGR 7714 HEEA	105HH S339 UPON COMPRESS AS NO DOWNSTR CHORD OF BLADD 352TT S59 UPON DISASSEMI BAND AND CRAC ASSURE NR 1 NOZ 205UC S668 INDICATOR REAL 3520T S539	BOLKMS BO105S OR DISASSEMBLY FOR EAM DAMAGE OCCURI E AT BREAK POINT. BOLKMS BO105C BLY OF TURBINE FOR R EKED. SUBMITTER SUG ZZLE SHIELD HAS SNUC BOLKMS BO105S DS TOO LOW AT FLIGHT	250C20B OVERHAUL, FOUNI RED. NO IN-SERVICE ALLSN 250C20B REPAIR DUE TO BLO GGESTED POSSIBLY I G TO LIGHT LOOSE I	E DIFFICULTY WAS R WING OIL OUT OF EX DUE TO TIGHT FIT TO FIT TO ALL NR 1 NOZ	EPORTED. THE COM 6898735 CHAUST, FOUND DOM NEW NR 1 FLOATIN	6876655 COMPRESSOR WHEEL. E IPRESSOR WHEEL EXHIB NOZZLE SHIELD 23062750 ME AND SHIELD HAD HEA IG DIAPHRAGM NOZZLE HT FIT AT TANGS TO SA INDICATOR 4011001 INDICATOR	COMPRESSOR NR 5 BLADE APPEARS TO HAVE E BITS EVIDENCE OF A CORRO CRACKED COMBUST SECTION AVY OIL STAINS AND DOME AND POSSIBLE VIBRATION DDLE COULD CAUSE THIS F FAILED TRIPLE TACH	SION PIT H 1123 PART SEPA	98ZZZX1273 COUGH BLEED VALVE ALF WAY THROUGH 1/22/98 98ZZZX1250 ARATED FROM INNER IN ON THE NOZZLE). 3/19/98 HEEA0013485
7240 ALGR 7714 HEEA	105HH S339 UPON COMPRESS AS NO DOWNSTR CHORD OF BLADD 352TT S59 UPON DISASSEMI BAND AND CRAC ASSURE NR 1 NOZ 205UC S668 INDICATOR REAL 3520T S539	BOLKMS BO105S OR DISASSEMBLY FOR EAM DAMAGE OCCUR! E AT BREAK POINT. BOLKMS BO105C BLY OF TURBINE FOR FOR EXED. SUBMITTER SUGZZLE SHIELD HAS SNUC BOLKMS BO105S DS TOO LOW AT FLIGHT BOLKMS BO105S	250C20B OVERHAUL, FOUNI RED. NO IN-SERVICE ALLSN 250C20B REPAIR DUE TO BLO GGESTED POSSIBLY I G TO LIGHT LOOSE I	E DIFFICULTY WAS R WING OIL OUT OF EX DUE TO TIGHT FIT TO FIT TO ALL NR 1 NOZ	EPORTED. THE COM 6898735 CHAUST, FOUND DOM NEW NR 1 FLOATIN	6876655 COMPRESSOR WHEEL. E IPRESSOR WHEEL EXHIB NOZZLE SHIELD 23062750 ME AND SHIELD HAD HEA IG DIAPHRAGM NOZZLE HT FIT AT TANGS TO SA INDICATOR 4011001 INDICATOR	COMPRESSOR NR 5 BLADE APPEARS TO HAVE E BITS EVIDENCE OF A CORRO CRACKED COMBUST SECTION AVY OIL STAINS AND DOME AND POSSIBLE VIBRATION DDLE COULD CAUSE THIS F FAILED TRIPLE TACH	SION PIT H 1123 PART SEPA	98ZZZX1273 COUGH BLEED VALVE ALF WAY THROUGH 1/22/98 98ZZZX1250 ARATED FROM INNER IN ON THE NOZZLE). 3/19/98 HEEA0013485
7240 ALGR 7714 HEEA 7722 HEEA	105HH S339 UPON COMPRESS AS NO DOWNSTR CHORD OF BLADI 352TT S59 UPON DISASSEMI BAND AND CRAC ASSURE NR 1 NOZ 205UC S668 INDICATOR REAL 3520T S539 EXH TEMP INDICA	BOLKMS BO105S OR DISASSEMBLY FOR EAM DAMAGE OCCURI E AT BREAK POINT. BOLKMS BO105C BLY OF TURBINE FOR R KED. SUBMITTER SUG ZZLE SHIELD HAS SNUC BOLKMS BO105S DS TOO LOW AT FLIGHT BOLKMS BO105S ATOR EXCESSIVE FRIC	250C20B OVERHAUL, FOUNI RED. NO IN-SERVICE ALLSN 250C20B REPAIR DUE TO BLO GGESTED POSSIBLY I G TO LIGHT LOOSE I	E DIFFICULTY WAS R WING OIL OUT OF EX DUE TO TIGHT FIT TO FIT TO ALL NR 1 NOZ	EPORTED. THE COM 6898735 CHAUST, FOUND DOM NEW NR 1 FLOATIN	6876655 COMPRESSOR WHEEL. E IPRESSOR WHEEL EXHIB NOZZLE SHIELD 23062750 ME AND SHIELD HAD HEA IG DIAPHRAGM NOZZLE SHIT FIT AT TANGS TO SA INDICATOR 4011001 INDICATOR 50061036	COMPRESSOR NR 5 BLADE APPEARS TO HAVE E BITS EVIDENCE OF A CORRO CRACKED COMBUST SECTION AVY OIL STAINS AND DOME AND POSSIBLE VIBRATION DDLE COULD CAUSE THIS F FAILED TRIPLE TACH FAILED EXAUST TEMP	SION PIT H 1123 PART SEPA	98ZZZX1273 COUGH BLEED VALVE ALF WAY THROUGH 1/22/98 98ZZZX1250 ARATED FROM INNER IN ON THE NOZZLE). 3/19/98 HEEA0013485 3/26/98 HEEA0013532

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
2422	136AE	BOLKMS				STATIC INVERTER	FAILED		3/19/98
HEEA	7234	BK117B2				SS120	AC SYS		HEEA0013493
	STATIC INVERTE	R INTERMITTENT.							
3422	134AE	BOLKMS				GYRO	FAILED		3/19/98
HEEA	7237	BK117B2				40205773	COCKPIT DG		HEEA0013469
	FAILED TEST 1.1 (ON SST NO VALID.							
7712	911RZ	BOLKMS				TRANSDUCER	ERRATIC		3/26/98
HEEA	7092	BK117A4				G555674	TORQUE		HEEA0013550
	PRESSURE TRANS	SDUCER ERRATIC INDI	CATION.						
7931	217UC	BOLKMS				PRESS SWITCH	FAILED		3/26/98
HEEA	7152	BK117B1				1176131203	NR 2 ENG OIL		HEEA0013557
	NR 2 ENGINE OIL	PRESSURE CAUTION L	IGHT NOT GOING OU	JT.					
7320	13WD	HUGHES	ALLSN			CASE HALF	ERODED		3/9/98
CK2R	685	369HS	250C20			68774210	COMP MODULE		98ZZZX1272
2210	ENVIRONMENT W	VERE NOT CARRIED OU		AND RUB ON THE CC	MPRESSOR ROTOR	. SUBMITTER SUSPECTS (OR OPERAT	
2210	5426U	SKRSKY				PITCH SLICE AMP	MALFUNCTION		3/26/98
HEEA	760167	S76A				7611123	AUTO FLIGHT		HEEA0013551
	NR 1 PITCH KICKS	S IN FLIGHT.							
2312	1546G	GITD GITT				TD ANGCEDIED	FAILED		
	15400	SKRSKY				TRANSCEIVER	TAILLD		3/18/98
HEEA	760076	SKRSKY S76A				7001840913	COCKPIT		3/18/98 HEEA0013431
	760076		IC READING.						
	760076	S76A	IC READING.						
HEEA	760076 TRANSCEIVER W	S76A ILL NOT TEST. ERRATI	IC READING.			7001840913	COCKPIT		HEEA0013431
HEEA 2312	760076 TRANSCEIVER W. 1546G 760076	S76A ILL NOT TEST. ERRATI SKRSKY				7001840913 TRANSCEIVER	COCKPIT		HEEA0013431 3/26/98
HEEA 2312	760076 TRANSCEIVER W. 1546G 760076	S76A ILL NOT TEST. ERRATI SKRSKY S76A				7001840913 TRANSCEIVER	COCKPIT		HEEA0013431 3/26/98
HEEA 2312 HEEA	760076 TRANSCEIVER W. 1546G 760076 TRANSCEIVER IN	S76A ILL NOT TEST. ERRATI SKRSKY S76A TERMITTENT OUTPUT				7001840913 TRANSCEIVER 7001840913	COCKPIT FAILED COCKPIT		3/26/98 HEEA0013529
2312 HEEA	760076 TRANSCEIVER W 1546G 760076 TRANSCEIVER IN 22342 760096	S76A ILL NOT TEST. ERRATI SKRSKY S76A TERMITTENT OUTPUT SKRSKY		OLT POSITION.		7001840913 TRANSCEIVER 7001840913 GENERATOR CONT	FAILED COCKPIT FAILED		3/26/98 HEEA0013529 3/18/98
2312 HEEA	760076 TRANSCEIVER W 1546G 760076 TRANSCEIVER IN 22342 760096	S76A ILL NOT TEST. ERRATI SKRSKY S76A TERMITTENT OUTPUT SKRSKY S76A		OLT POSITION.		7001840913 TRANSCEIVER 7001840913 GENERATOR CONT	FAILED COCKPIT FAILED		3/26/98 HEEA0013529 3/18/98
HEEA 2312 HEEA 2424 HEEA	760076 TRANSCEIVER W. 1546G 760076 TRANSCEIVER IN 22342 760096 A/C GEN. WILL NO	S76A ILL NOT TEST. ERRATI SKRSKY S76A TERMITTENT OUTPUT SKRSKY S76A OT TEST IN THE OVERY		OLT POSITION.		7001840913 TRANSCEIVER 7001840913 GENERATOR CONT 7655009005104	FAILED COCKPIT FAILED AC SYS		3/26/98 HEEA0013529 3/18/98 HEEA0013432
2312 HEEA 2424 HEEA	760076 TRANSCEIVER W 1546G 760076 TRANSCEIVER IN 22342 760096 A/C GEN. WILL NO 5128 760181	S76A ILL NOT TEST. ERRATI SKRSKY S76A TERMITTENT OUTPUT SKRSKY S76A OT TEST IN THE OVERV		OLT POSITION.		7001840913 TRANSCEIVER 7001840913 GENERATOR CONT 7655009005104 GENERATOR CONT	FAILED COCKPIT FAILED AC SYS FAILED		3/26/98 HEEA0013529 3/18/98 HEEA0013432
2312 HEEA 2424 HEEA	760076 TRANSCEIVER W 1546G 760076 TRANSCEIVER IN 22342 760096 A/C GEN. WILL NO	S76A ILL NOT TEST. ERRATI SKRSKY S76A TERMITTENT OUTPUT SKRSKY S76A OT TEST IN THE OVERV SKRSKY S76A		OLT POSITION.		7001840913 TRANSCEIVER 7001840913 GENERATOR CONT 7655009005104 GENERATOR CONT	FAILED COCKPIT FAILED AC SYS FAILED		3/26/98 HEEA0013529 3/18/98 HEEA0013432
HEEA 2312 HEEA 2424 HEEA 2424 HEEA	760076 TRANSCEIVER W. 1546G 760076 TRANSCEIVER IN 22342 760096 A/C GEN. WILL NO 5128 760181 GENERATOR WIL	S76A ILL NOT TEST. ERRATI SKRSKY S76A TERMITTENT OUTPUT SKRSKY S76A OT TEST IN THE OVERV SKRSKY S76A L NOT COME ON LINE.		OLT POSITION.		7001840913 TRANSCEIVER 7001840913 GENERATOR CONT 7655009005104 GENERATOR CONT 7655009005108	FAILED COCKPIT FAILED AC SYS FAILED AC SYS		3/26/98 HEEA0013529 3/18/98 HEEA0013432 3/18/98 HEEA0013433
2312 HEEA 2424 HEEA 2424 HEEA 2430	760076 TRANSCEIVER W 1546G 760076 TRANSCEIVER IN 22342 760096 A/C GEN. WILL NO 5128 760181 GENERATOR WILL 1545X 760050	S76A ILL NOT TEST. ERRATI SKRSKY S76A TERMITTENT OUTPUT SKRSKY S76A OT TEST IN THE OVERV SKRSKY S76A L NOT COME ON LINE.	/OLT AND UNDERVC	OLT POSITION.		7001840913 TRANSCEIVER 7001840913 GENERATOR CONT 7655009005104 GENERATOR CONT 7655009005108 DC CONTROL UNIT	FAILED COCKPIT FAILED AC SYS FAILED AC SYS FAILED		3/26/98 HEEA0013529 3/18/98 HEEA0013432 3/18/98 HEEA0013433
2312 HEEA 2424 HEEA 2424 HEEA 2430	760076 TRANSCEIVER W 1546G 760076 TRANSCEIVER IN 22342 760096 A/C GEN. WILL NO 5128 760181 GENERATOR WILL 1545X 760050	S76A ILL NOT TEST. ERRATI SKRSKY S76A OT TEST IN THE OVERV SKRSKY S76A L NOT COME ON LINE. SKRSKY S76A	/OLT AND UNDERVC	OLT POSITION.		7001840913 TRANSCEIVER 7001840913 GENERATOR CONT 7655009005104 GENERATOR CONT 7655009005108 DC CONTROL UNIT	FAILED COCKPIT FAILED AC SYS FAILED AC SYS FAILED		3/26/98 HEEA0013529 3/18/98 HEEA0013432 3/18/98 HEEA0013433
HEEA 2312 HEEA 2424 HEEA 2424 HEEA 2430 HEEA	760076 TRANSCEIVER W. 1546G 760076 TRANSCEIVER IN 22342 760096 A/C GEN. WILL NO 5128 760181 GENERATOR WIL 1545X 760050 GENERATOR WO	S76A ILL NOT TEST. ERRATI SKRSKY S76A TERMITTENT OUTPUT SKRSKY S76A OT TEST IN THE OVERY SKRSKY S76A LL NOT COME ON LINE. SKRSKY S76A ULD NOT COME ON LINE	/OLT AND UNDERVC	OLT POSITION.		7001840913 TRANSCEIVER 7001840913 GENERATOR CONT 7655009005104 GENERATOR CONT 7655009005108 DC CONTROL UNIT 7655009006105	FAILED COCKPIT FAILED AC SYS FAILED AC SYS FAILED AC SYS		3/26/98 HEEA0013529 3/18/98 HEEA0013432 3/18/98 HEEA0013433 3/18/98 HEEA0013442

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO	
3213	705AL	SKRSKY				SEAL	LEAKING	2747	12/1/97	
ALGR	760267	S76			1945E100B	7333FT160N	MLG LOWER CYL		98ZZZX1258	
	ACTUATING OF PERIOD STOP	ISTON HEAD SNUBBER	THIS ALLOWED UI STON HEAD RETAIN	NCONTROLLED EXTE ING PINS. THIS ALLO	ENSION OF STRUT P OWED PISTON TO SE	ISTON DURING AIRCRAFT	UND LOW OIL LEVER IN C I LIFT-OFF AND HAMMERI EAD. PISTON JAMMED PIS	NG OF PISTO	ON HEAD AGAINST	
3340	1547D	SKRSKY				POWER SUPPLY	FAILED		3/18/98	
HEEA	760077	S76A				A413AHDACF1428	STROBE		HEEA0013437	
	LIGHT INOPERAT	IVE.								
3416	5426U	SKRSKY				ALTIMETER	FAILED		3/19/98	
HEEA	760167	S76A				8503S20LW5V	COCKPIT		HEEA0013503	
	ALTIMETER INDIC	CATES OUT OF TOLERA	ANCE AT APPROXIM	ATELY 18,000 FEET.	ALSO UNIT HAS CLI	ICKING NOISE WHILE BEI	NG RUN.			
3420	1546G	SKRSKY				GYRO	FAILED		3/19/98	
HEEA	760076	S76A				258719343	COCKPIT		HEEA0013461	
	FAILED TEST 6.6 (ON SST.								
3425	1546G	SKRSKY				HSI	FAILED		3/18/98	
HEEA	760076	S76A				125810	COCKPIT		HEEA0013421	
	HSI COURSE SET I	KNOB AND NEEDLE DO	DES NOT WORK.							
3451	1546G	SKRSKY				TRANSCEIVER	FAILED		3/23/98	
HEEA	760076	S76A				066106602	DME		HEEA0013509	
		DME OPERATED 50% OF THE TIME AND IS VERY WEAK. PERFORMED PRELIMINARY INSPECTION, VERIFIED PROBLEM. UNIT WAS HEAVILY CORRODED. CLEANED CORROSION FROM ALL BOARDS AND CHASIS. BEGAN BENCH CHECK AND UNIT DREW EXCESSIVE CURRENT AND BURNT R236, R240 ON THE MODULATOR BOARD. SENT TO								
3452	31217	SKRSKY				TRANSPONDER	FAILED		3/23/98	
HEEA	760229	S76A				066106202	COCKPIT		HEEA0013510	
		NOPERATIVE. RECEIVE BEGAN BENCH CHECK			,		ND NO 192 VOLT LINE. TR	ROUBLESHO	Γ AND REPLACED	
6210	705AL	SKRSKY				BLADE	CRACKED	3588	12/18/97	
ALGR	760267	S76				7615009100053	M/R	440	98ZZZX1257	
	DISCOVERED DUI	RING 500-HOUR INSPEC	CTION, FOUND M/R B	LADE SKIN CRACKEI	D AT FORWARD ED	GE OF TRIM TAB.				
6210	1545X	SKRSKY				BLADE	SEPARATION	12229	3/18/98	
HEEA	760050	S76A				7615009100042A	M/R		HEEA0013454	
	FIBERGLASS SEPA	FIBERGLASS SEPARATED UNDERNEATH THE SLICE TITANIUM AT STATION 112.5 ON BOTH SURFACES. THE TRIM TAB HAS SOME SEPARATION ALSO.								
6210	3122H	SKRSKY				BEARING	WORN		3/18/98	
	760233	S76A				SB7004103	BLADE SPINDLE		HEEA0013424	
HEEA										
HEEA		CESSIVE RUBBER WEA	.R.							
HEEA 6220		CESSIVE RUBBER WEA	R.			DAMPER	LEAKING		3/26/98	
	BEARING HAS EX		R.			DAMPER 7610608000049	LEAKING M/R		3/26/98 HEEA0013560	

DOMESTIC SERVICE	DIFFICULTY REPORT SUMMARY -	HELICOPTERS (cont'd)
TRANSPORTED TO SERVICE		HELICOF LENS (COM O)

DOMEST	IC SERVICE DIFI	FICULTY REPORT	SUMMARY - HEI	LICOPTERS (cont'	<u>(d)</u>		<u>3/29/98 To 4</u>	1/4/98 IS	SUE: 98-14 ZAC-327
ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6520	376AL	SKRSKY				BEARING CUP	FAILED	15370	2/11/98
ALGR	760002	S76A				SB3202B	INPUT GEARBOX	2416	98ZZZX1252
	ON GROUND RUN	UP, HAD BEARING FA	ILURE IN INPUT QUII	LL ASSEMBLY. COM	PONENT P/N 763570	05000041.			
6520	376AL	SKRSKY				BEARING CONE	FAILED	15370	2/11/98
ALGR	760002	S76A				SB3202A2	INPUT GEARBOX	2416	98ZZZX1251
	ON GROUND RUN	UP, HAD BEARING FA	ILURE IN INPUT QUII	LL ASSEMBLY. COM	PONENT P/N 763570	05000041.			
7314	1545X	SKRSKY				FUEL PUMP	WORN	9673	3/19/98
HEEA	760050	S76A				3944001	ENG FUEL		HEEA0013501
	FUEL PUMP WOR	N SPLINES.							
6500	126TV	SNIAS				SPHERICAL STOP	DEFECTIVE	513	8/23/97
YWYR	2944	AS350B2				704A33633171	T/R		98ZZZX1263
	BULGES IN T/R SP	HERICAL STOP.							
6520		SNIAS				BEARING	DEFECTIVE		11/24/97
FBLR		AS350B2				350A33215300	T/R GEARBOX		98ZZZX1240
	TAIL ROTOR BEA	RING IS DEFECTIVE PE	ER SL 1337-65-97, DAT	TED 11-24-97.					
7600	60951	SNIAS				ROD SPRING	CORRODED		3/25/98
HEEA	2771	AS350B2				350A57149000	ENG CONTROL		HEEA0013514
	RUST AND CORRO	OSION INSIDE.							
7714	126TV	SNIAS				INDICATOR	FAILED	513	8/23/97
YWYR	2944	AS350B2				614764021	ENG TACHOMETER		98ZZZX1262

TACHOMETER INDICATOR READ INTERMITTENTLY LOW. $\underline{(\mathsf{End}\ \mathsf{of}\ \mathsf{DOMESTIC}\ \mathsf{SERVICE}\ \mathsf{DIFFICULTY}\ \mathsf{REPORT}\ \mathsf{SUMMARY}\ \mathsf{-}\ \mathsf{HELICOPTERS})}$

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
7240	66804	BEECH	GARRTT			COMBUSTION CASE	FAILED		3/10/98
YRRD	BE82	B100	TPE3316252B			8939735	LT ENG PLENUM		98ZZZX1246
*****	INVEST DETERMI INSPECT AND IT A THE ENG. MFG R	NED THE LT ENG COM APPEARED THE PLENU EPLIED PLENUM P/N AI	BUSTION CASE (PLE M HAD FAILED AT/A ND S/N WERE NOT IN	NUM) HAD FAILED. ROUND THE P-3 FITT I THE FACILITIES DA	ENG REMOVED FO TING BOSS. ENG ME TA BASE, AND A NO	E OIL FILLER DOOR OPEN. R REPAIR, ENG COMPARTM FG CONTACTED TO ESTAB ON-MFG REPAIR CODE WA PLENUM) CLOSELY AT INSI	MENT DAMAGE REPAIRED LISH IF THE PLENUM WAS S EVIDENT. SUBMITTER R	. ENG DISA AN ORIGIN	SSEMBLED FOR AL COMPONENT FOR
7200	3207Q	BELL	ALLSN			ENGINE	MALFUNCTION	5348	4/8/97
HEEA	51540	206L3	250C30P				POWER RPM	126	98ZZZX1268
	PERCENT ROTOR	RPM. AFTER LANDING	G AND EXERCISING (COLLECTIVE, THE RO	OTOR RPM RETURN	D RECOVERED TO 96 PERCI ED TO 100 PERCENT. MAIN OZZLE FOR PRECAUTION.			
7210		BELL	ALLSN			GARLOCK SEAL	LEAKING		11/7/97
ALGR		206L4	250C30P		23053349	406340104101	PTO FWD SEAL		98ZZZX1274
						ESTED ON 11-07-97. DURING EALS ARE EXTREMELY TIG	,		
7250	513EH	BELL	ALLSN			NOZZLE	CRACKED		3/23/98
HEEA	45421	206L1	250C28B		23033185	23008054	NR 1		HEEA0013508
		D DUE TO OIL BLOWIN D SERVICEABLE LIMI				UE TO LOW POWER ON TES	ST CELL. UPON INSPECTIO	ON OF TURB	INE PARTS NOTED:
7314	42EA	BELL				FUEL PUMP	WORN	5377	3/19/98
HEEA	51542	206L3				3881005	ENG FUEL		HEEA0013502
	FUEL PUMP HAS V	WORN SPLINES.							
7200	108X	BELL	PWA			COMPRESSOR	STALLS	16721	3/26/98
HEEA	33115	412	PT6T3B			3017600	ENGINE		HEEA0013558
	COMPRESSOR STA	ALLS.							
7200	18LA	BELL	PWA			ENGINE	FAILED	2220	1/28/98
VE3R	36043	412	PT6T3B				NR 1		98ZZZX1261
	AFTER GAINING		S SECURED AND AN	OEI LANDING WAS N	MADE AT BURBANK	OWED BY 15 TO 20 SECONE K AIRPORT. SUBSTANTIAL TION.			
7210	2149S	BELL	PWA			GEARBOX	CRACKED	14364	3/18/98
HEEA	36002	412	PT6T3B			3017600	OIL TEMP PORT		HEEA0013415
	ENG HAS CRACKI	ED GEARBOX AT OIL T	EMP BULB PORT.						
7230	105HH	BOLKMS	ALLSN			WHEEL BLADE	MISSING		3/9/98
CK2R	S339	BO105S	250C20B			6876655	COMPRESSOR NR 5	1722	98ZZZX1273
	AS NO DOWNSTR					E COMPRESSOR WHEEL. B MPRESSOR WHEEL EXHIB			

	DOM	ESTIC SE	FRVICE DIFFICUL	TY REPORT SUMMARY	- FNGINES (cont'd)
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DOMESTI	OMESTIC SERVICE DIFFICULTY REPORT SUMMARY - ENGINES (cont'd) 3/29/98 To 4/4/98 ISSUE: 98-14 ZAC-327										
ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO		
7240	352TT	BOLKMS	ALLSN			NOZZLE SHIELD	CRACKED	1123	1/22/98		
ALGR	S59	BO105C	250C20B		6898735	23062750	COMBUST SECTION		98ZZZX1250		
	UPON DISASSEMBLY OF TURBINE FOR REPAIR DUE TO BLOWING OIL OUT OF EXHAUST, FOUND DOME AND SHIELD HAD HEAVY OIL STAINS AND DOME PART SEPARATED FROM INNER BAND AND CRACKED. SUBMITTER SUGGESTED POSSIBLY DUE TO TIGHT FIT TO NEW NR 1 FLOATING DIAPHRAGM NOZZLE AND POSSIBLE VIBRATION. (FIRST RUN ON THE NOZZLE). ASSURE NR 1 NOZZLE SHIELD HAS SNUG TO LIGHT LOOSE FIT TO ALL NR 1 NOZZLES. EXTREME TIGHT FIT AT TANGS TO SADDLE COULD CAUSE THIS PROBLEM.										
7320	13WD	HUGHES	ALLSN			CASE HALF	ERODED		3/9/98		
CK2R	685	369HS	250C20			68774210	COMP MODULE		98ZZZX1272		
	ONE VANE WAS SO		HE VANE TO BEND A				I, SEVERE VANE EROSION W ASE HALF INSPECTIONS FOR				
7314	1545X	SKRSKY	•	•		FUEL PUMP	WORN	9673	3/19/98		

3944001

ENG FUEL

(End of DOMESTIC SERVICE DIFFICULTY REPORT SUMMARY - ENGINES)

S76A

FUEL PUMP WORN SPLINES.

HEEA

760050

HEEA0013501

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
3416	30PH	BEECH				ENCODER	FAILED		3/19/98
HEEA	BB635	200BEECH				8800	COCKPIT		HEEA0013492
	ENCORDER FAUL	TY NO ATTITUDE INPU	JT ON GPS.						
3422	500PH	BEECH				GYRO COMPASS	FAILED		3/19/98
HEEA	BL29	200CBEECH				5223241000	COCKPIT		HEEA0013467
	GYRO COMPASS S	SLOW TO SLAVE.							
3425	789DS	BEECH				FLIGHT DIRECTOR	FAILED		3/18/98
HEEA	BB478	200BEECH				4018369902	COCKPIT		HEEA0013430
	ALTITUDE SELEC	T MODE INOPERATIVE	E.						
3457	39PH	BEECH				GPS	DEFECTIVE		3/23/98
HEEA	BL3	200CBEECH			SKYNAV 5000	0845000000	COCKPIT		HEEA0013512
	SELECTOR KNOB	SKIPS DIGITS AND LET	TTERS WHEN TRYIN	G TO SELECT.					
2312	2278V	BELL				TRANSCEIVER	FAILED		3/23/98
HEEA	3632	206B3				064105430	COCKPIT		HEEA0013511
		CTION DUE. PERFORMI 9 INTEGRATED CIRCU			ED UNIT. FOUND D	DISPLAY NOT DIMMING. S	WAPPED OUT DS901 DISF	PLAY AND V9	01 PHOTOCELL. NO
3416	8588X	BELL				ALTIMETER	ERRORS		3/26/98
HEEA	51486	206L3				5934D1	COCKPIT		HEEA0013536
	ALTIMETER HAS I	EXCESSIVE FRICTION	ERROR.						
3422	5736Ј	BELL				TRANSMITTER	ERRATIC		3/19/98
HEEA	31140	212				2594484	FLUX VALVE		HEEA0013484
	FLUX VALVE HAS	ERRATIC READINGS.							
3425	5736Ј	BELL				COMPENSATOR	FAILED		3/19/98
HEEA	31140	212				656767	COCKPIT HSI		HEEA0013490
	COMPENSATOR W	VILL NOT ADJUST.							
2211	5759N	BELL				COMPUTER	DEFECTIVE		3/19/98
HEEA	33002	412				7000298901	AFCS		HEEA0013465
	INTERMITTENTLY	Y FAILS TEST 2.1 ON SS	ST.						
3414	22608	BELL				INDICATOR	STICKS		3/19/98
HEEA	33075	412				412075009105	AIRSPEED		HEEA0013466
	AIRSPEED NEEDL	E STICKS AND HAS ER	RATIC OPERATION.						
3416	22347	BELL				ENCODER	FAILED		3/19/98
HEEA	36005	412				8800	COCKPIT		HEEA0013491
	ALTITUDE ENCOI	DER INTERMITTENTLY	CAUSES GPS TO DIS	SPLAY NO ATTITUDE	INPUT.				
3421	141PH	BELL				INDICATOR	FAILED		3/18/98
HEEA	33197	412				1113034	COCKPIT		HEEA0013422
	ATTITUDE INDICA	ATOR PITCHBALL ERR	ATIC IN MOVEMENT	. KNOB INTERMITT	ENT.				

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
3425	3893P	BELL				INDICATOR	FAILED		3/18/98
HEEA	33012	412				1113025	COCKPIT HSI		HEEA0013414
	COCKPIT HSI RATO	CHETY WHEN POWER	IS APPLIED.						
3416	3520T	BOLKMS				ALTIMETER	MALFUNCTION		3/26/98
HEEA	S539	BO105S				10162701696	COCKPIT ENCODER		HEEA0013568
	EXCESSIVE FRICT	ION ERROR AND ENCO	DER READS LOW.						
3424	3533T	BOLKMS				INDICATIOR	FAILED		3/26/98
HEEA	S111	BO105S				A1605	TURN & BANK		HEEA0013535
	TURN & BANK IND	DICATOR HAS NO INDI	CATION.						
3457	624MB	BOLKMS				GPS 150	FAILED		3/19/98
HEEA	S751	BO105S				0110005400	COCKPIT		HEEA0013497
	CANNOT ACQUIRE	E SATELLITES FOR 1 1/	2 HOURS ON 1ST FLIC	GHT OF DAY. PERFO	RMED PRELIMINAR	Y INSPECTION. FOUND U	NIT TO TAKE EXCESSIVELY	LONG TO	LOCK ON.
2210	217UC	BOLKMS				CONVERTER	WORN		3/18/98
HEEA	7152	BK117B1				1177130501	AUTO FLIGHT		HEEA0013434
	CONVERTER WOR	N OUT. SHAFT HAS TO	OO MUCH PLAY.						
3422	134AE	BOLKMS				GYRO	FAILED		3/19/98
HEEA	7237	BK117B2				40205773	COCKPIT DG		HEEA0013469
	FAILED TEST 1.1 O	N SST NO VALID.							
2210	5426U	SKRSKY				PITCH SLICE AMP	MALFUNCTION		3/26/98
HEEA	760167	S76A				7611123	AUTO FLIGHT		HEEA0013551
	NR 1 PITCH KICKS	IN FLIGHT.							
2312	1546G	SKRSKY				TRANSCEIVER	FAILED		3/26/98
HEEA	760076	S76A				7001840913	COCKPIT		HEEA0013529
	TRANSCEIVER INT	TERMITTENT OUTPUT.							
2312	1546G	SKRSKY				TRANSCEIVER	FAILED		3/18/98
HEEA	760076	S76A				7001840913	COCKPIT		HEEA0013431
	TRANSCEIVER WI	LL NOT TEST. ERRATI	C READING.						
3416	5426U	SKRSKY				ALTIMETER	FAILED		3/19/98
HEEA	760167	S76A				8503S20LW5V	COCKPIT		HEEA0013503
	ALTIMETER INDIC	CATES OUT OF TOLERA	ANCE AT APPROXIMA	TELY 18,000 FEET.	ALSO UNIT HAS CLI	CKING NOISE WHILE BEI	NG RUN.		
3420	1546G	SKRSKY				GYRO	FAILED		3/19/98
HEEA	760076	S76A				258719343	COCKPIT		HEEA0013461
	FAILED TEST 6.6 C	ON SST.							
3425	1546G	SKRSKY				HSI	FAILED		3/18/98
HEEA	760076	S76A				125810	COCKPIT		HEEA0013421
	HSI COURSE SET K	NOB AND NEEDLE DO	DES NOT WORK.						

DOMECTIC CEDUICI	E DIFFICULTY REPORT SUMMARY	COMPONENTS (contid)
DOMESTIC SEKVICE	E DIFFICULTY KEPUKT SUMMAKY	- COMPONENTS (COMO)

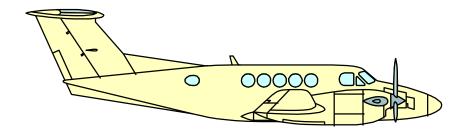
3/29/98 To 4/4/98	ISSUE: 98-14	ZAC-327

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO			
3451	1546G	SKRSKY				TRANSCEIVER	FAILED		3/23/98			
HEEA	760076	S76A				066106602	DME		HEEA0013509			
	DME OPERATED 50% OF THE TIME AND IS VERY WEAK. PERFORMED PRELIMINARY INSPECTION, VERIFIED PROBLEM. UNIT WAS HEAVILY CORRODED. CLEANED CORROSION FROM ALL BOARDS AND CHASIS. BEGAN BENCH CHECK AND UNIT DREW EXCESSIVE CURRENT AND BURNT R236, R240 ON THE MODULATOR BOARD. SENT TO											
3452	31217	SKRSKY				TRANSPONDER	FAILED		3/23/98			
HEEA	760229	S76A				066106202	COCKPIT		HEEA0013510			
	TRANSPONDER INOPERATIVE. RECEIVE INTERMITTENT. PERFORMED PRELIMINARY INSPECTION, VERIFIED PROBLEM. FOUND NO 192 VOLT LINE. TROUBLESHOT AND REPLACED Q105, REPAIRED. BEGAN BENCH CHECK AND FOUND RECEIVER SENSE WEAK AND INTERMITTENTLY RECEIVES.											

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6140	30PH	BEECH				TACH GENERATOR	FAILED		3/19/98
HEEA	BB635	200BEECH				503890571	PROP		HEEA0013489
	NR1 GAUGE STAY	S ON ZERO.							
6140	30PH	BEECH				TACH GENERATOR	ERRATIC		3/19/98
HEEA	BB635	200BEECH				503890571	PROP		HEEA0013488
	ERRATIC OUTPUT								
(End of DC	OMESTIC SERVICE	DIFFICULTY REPOR	T SUMMARY - PRO	OPELLERS)					



INTERNATIONAL SERVICE DIFFICULTY REPORT



ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO	
3211		BBAVIA				GEAR LEG	BROKEN	3045	7/28/97	
		8GCBC			71461	71461	ATTACH SADDLE		CA970731013	
		EAR FAILED DURING T Y SEPERATED FROM T					N GEAR LEG JUST PAST THE	ATTACHN	IENT SADDLE. GEAR	
5540		BEECH	PWA			HINGE	CORROSION	15727	8/7/97	
		A100	PT6A28			1006000111	LOWER RUDDER		CA970815008	
	(CAN) CORROSIO	N FOUND ON THE LOW	ER RUDDER HINGE	BOLT HOLES. CORRO	OSION ALSO FOUNI	O ON THE BRACKET. ACFT	TT: 15,415 HOURS.			
2460		ВЕЕСН	PWA	HARTZL		CIRCUIT BREAKER	OPEN		2/16/98	
		200BEECH	PT6A41	HCB3TN3		7277220	FLAP MOTOR		AU980205	
	(AUS) FLAP MOTO	OR CIRCUIT BREAKER	INTERMITTENT OPE	N CIRCUIT.						
3242		BEECH	PWA			BRAKE DISC	WORN		2/2/98	
		B200C	PT6A42			101800213	RT OUTB BRAKE	167	AU980157	
	(AUS) RH OUTBOA	ARD BRAKE ROTOR CR	ACKED. RH OUTBO	ARD WHEEL CRACKE	D AT BRAKE DRIVE	LUG.				
7810		BEECH	PWA			EXHAUST STACK	CRACKED		6/26/97	
		200BEECH	PT6A41			10195001683	DEICE TUBE		CA970710002	
	(CAN) LEFT HAND THIS AREA.	EXHAUST STACK WA	AS FOUND CRACKED	AT THE WELD BETW	EEN THE DEICE TU	BE AND THE MAIN BODY	OF THE STACK. SUBMITTER	RECOMM	ENDS INSPECTING	
2710		BEECH	CONT			AILERON SYSTEM	MIS RIGGED		2/18/98	
		58	IO520C				AILERON CONTROL		AU980174	
	(AUS) AILERON CONTROL SYSTEM INCORRECTLY RIGGED.									
3230		BEECH	CONT			TUBE	DAMAGED		2/18/98	
		58	IO520C				LT LANDING GEAR		AU980169	
	(AUS) LH LANDIN	G GEAR DRIVE TUBE (CREASED AT INBOA	RD FITTING.						
7810		BEECH	CONT			EXHAUST SYSTEM	DAMAGED		2/18/98	
		58	IO520C				ENGINE COLLECTOR		AU980175	
	(AUS) EXHAUST A	ASSEMBLIES (30FF4) DA	AMAGED DUE TO SE	VERE BULGING.						
7920		BEECH	CONT			HOSE	DETERIORATED		2/18/98	
		58	IO520C				ENGINE OIL SYS		AU980176	
	(AUS) ALL ENGIN	E HOSES TIME EXPIRE	D. HOSES WERE NO	Γ CHANGED DURING	RECENT ENGINE CI	HANGE.				
2436		BEECH				DC REGULATOR	FAILED	3414	3/12/98	
		F90			51530007B	51530007B	LT GENERATOR		CA970807045	
		ORTED ELECTRICAL BIOUND THE LEFT HAND			S CIRCUIT BREAKE	RS POPPING. LEFT GENER	RATOR DEEMED TO BE THE	CAUSE AN	ID WAS ISOLATED.	
7810		CAMAIR	ALLSN			EDUCTOR	CRACKED	107	2/24/98	
		480	250C20			41200451	ENG EXHAUST		CA980313009	
		EDUCTOR CRACKED IN								

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5530		CESSNA				VERTICAL FIN	SEPARATED	10358	5/22/97	
		152			04310093	04310093	BRACKET		CA970612011	
	(CAN) WHILE INSPECTING THE VERTICAL FIN, A CRACKLING NOISE WAS NOTED. INSPECTION REVEALED A FINE CRACK BETWEEN THE BRACKETS.									
5511		CESSNA				FRONT SPAR	CRACKED	2314	7/25/97	
		172H					HORIZ STAB		CA970731012	
	(CAN) HORIZONTAL STABILIZER FRONT SPAR AND CENTER SKIN FOUND CRACKED PER CESSNA SEB 94-8. AIRCRAFT TT: 2,318.									
2730		CESSNA	CONT	MCAULY	CESSNA	RIVET	LOOSE		1/30/98	
		182H	O470R	2A34C66	182H	18256315	ELEV TORQ TUBE		AU980145	
	(AUS) ELEVATOR	TORQUE TUBE RIVETS	S LOOSE AND WORK	ING.						
2730		CESSNA	CONT	MCAULY	CESSNA	CABLE	MIS ROUTED		1/30/98	
		182H	O470R	2A34C66	182H	18256315	ELEVATOR CONTROL		AU980153	
	(AUS) ELEVATOR	CONTROL CABLE INC	ORRECTLY ROUTED).						
2810		CESSNA	CONT	MCAULY	CESSNA	FUEL CELL	CRACKED		1/30/98	
		182H	O470R	2A34C66	182H	18256315	LT FUEL		AU980150	
	(AUS) LH FUEL TA	(AUS) LH FUEL TANK BLADDER CRACKED AND LEAKING.								
5320		CESSNA	CONT	MCAULY	CESSNA	ANGLE	CORRODED		1/30/98	
		182H	O470R	2A34C66	182H	18256315	FUSELAGE		AU980151	
	(AUS) FUSELAGE	(AUS) FUSELAGE ANGLE BADLY CORRODED IN AREA OF WING STRUT ATTACHMENT.								
5330		CESSNA	CONT	MCAULY	CESSNA	RIVET	DAMAGED		1/30/98	
		182H	O470R	2A34C66	182H	18256315	AFT FUSELAGE		AU980147	
	(AUS) RIVETS LO	(AUS) RIVETS LOCATED IN REAR FUSELAGE HAD THE RIVET HEADS DAMAGED BY BEING SANDEDFLAT.								
5342		CESSNA	CONT	MCAULY	CESSNA	FITTING	CORRODED		1/30/98	
		182H	O470R	2A34C66	182H	18256315	STAB ATTACH		AU980146	
	(AUS) STABILISEI	R ATTACHMENT FITTIN	NG LOCATED IN REA	AR FUSELAGE CORRO	DED AND RIVETS M	MISSING.				
5510		CESSNA	CONT	MCAULY	CESSNA	STABILIZER	CORRODED		1/30/98	
		182H	O470R	2A34C66	182H	18256315	HORIZONTAL STABI		AU980141	
	(AUS) HORIZONT	AL STABILISER SEVER	ELY CORRODED.							
5520		CESSNA	CONT	MCAULY	CESSNA	RIVET	LOOSE		1/30/98	
		182H	O470R	2A34C66	182H	18256315	ELEVATOR STRUCTU		AU980143	
	(AUS) ELEVATOR	BALANCE TAB RIVETS	S LOOSE.							
5521		CESSNA	CONT	MCAULY	CESSNA	SPAR	CRACKED		1/30/98	
		182H	O470R	2A34C66	182H	18256315	ELEVATOR		AU980144	
	(AUS) ELEVATOR	SPAR AND RIB CRACK	ED.							
5531		CESSNA	CONT	MCAULY	CESSNA	STABILIZER	CORRODED		1/30/98	
		182H	O470R	2A34C66	182H	18256315	VERT STAB SPAR		AU980142	
	(AUS) VERTICAL	STABILIZER SEVERELY	Y CORRODED. FORW	ARD SPAR CORRODI	EDTHROUGH.					

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5610		CESSNA	CONT	MCAULY	CESSNA	WINDSHIELD	DETERIORATED		1/30/98				
		182H	O470R	2A34C66	182H	18256315	COCKPIT		AU980152				
	(AUS) WINDSCRE	EN BADLY CRAZED AN	ID OPAQUE.										
5711		CESSNA	CONT	MCAULY	CESSNA	SPAR	CORRODED		1/30/98				
		182H	O470R	2A34C66	182H	18256315	LT WING SPAR		AU980149				
	(AUS) LH WING FO HEADS POPPED	(AUS) LH WING FORWARD SPAR RIVETS (200FF) CORRODED AND RIVET HEADS POPPED OFF. LH WING SPAR SEVERELY CORRODED. RH WING FORWARD SPAR RIVETS HAD RIVET HEADS POPPED											
5730		CESSNA	CONT	MCAULY	CESSNA	DOUBLER	CORRODED		1/30/98				
		182H	O470R	2A34C66	182H	18256315	WING FLAP BAYS		AU980148				
	(AUS) INSPECTION	N PANEL DOUBLERS LO	OCATED IN FLAP BA	YS CORRODED.									
7714		CESSNA	CONT			TACHOMETER	STUCK	61	2/12/97				
		U206F	IO520F			D11125025	ENG RPM		CA970219001				
	(CAN) ENGINE ST	ARTED NORMAL CONI	DITIONS. TACHOME	TER NEEDLE STUCI	K AT 800 RPM. WOUI	LD NOT RISE OR FALL.							
2460		CESSNA				WIRE BUNDLE	CHAFFED		3/12/98				
		208B					PITOT STATIC		CA970731023				
	` '	(CAN) DURING CLIMB, THE CREW NOTED SPARKS AND SMOKE FROM THE LEFT HAND KICK PANEL BY THE PILOT'S KNEE. INVESTGATION FOUND A CHAFED WIRE BUNDLE BY THE ALTERNATE PITOT STATIC SYSTEM.											
2932		CESSNA			WIPLINEINC	PRESS SWITCH	DEFECTIVE	600	7/23/97				
		208			GPP125023	GPP125023	HYD PUMP		CA970731022				
	(CAN) DURING NORMAL OPERATIONS, THE GEAR ON THE AMPHIBIOUS FLOATS WAS EXTENDED AND THE CREW NOTED A LONGER THAN NORMAL EXTENSION PERIOD. MAINTENANCE FOUND THAT ONE PUMP ONLY WAS BEING UTILIZED DUE TO A FAULTY PRESSURE SWITCH.												
3230		CESSNA				PIN	SEPARATED		2/11/98				
		210L				MS203921C17	NLG UPLOCK		AU980161				
	(AUS) NOSE LAND AIRFRAME.	DING GEAR UPLOCK TO) UPLOCK ACTUATO	OR CLEVIS PIN DISE	NGAGED. AIRCRAFT	LANDED WITH NLG RETRA	ACTED CAUSING MINOR DA	AMAGE TO	THE PROPELLER AND				
3230		CESSNA	CONT	MCAULY		DOWNLOCK HOOK	STUCK		2/11/98				
		210L	IO520L	D3A32C88		12416345	LT MLG		AU980163				
	(AUS) LH MAIN LA	ANDING GEAR DOWNL	OCK HOOK STUCK I	DUE TO LACK OF LU	BRICATION.								
2140						DIDE	CORROBER		2/12/98				
2140		CESSNA	CONT	MCAULY		PIPE	CORRODED		2/12/70				
2140		CESSNA 310R	CONT IO520M	MCAULY 3AF32C87	8259JR2	748	HEATING SYSTEM		AU980190				
2140	(AUS) CABIN HEA		IO520M	3AF32C87									
	(AUS) CABIN HEA	310R	IO520M	3AF32C87				4165					
	(AUS) CABIN HEA	310R TER FUEL LINE CORRO	IO520M	3AF32C87		748	HEATING SYSTEM	4165	AU980190				
	(22)	310R TER FUEL LINE CORRO CESSNA 337	IO520M ODED AND HOLED C	3AF32C87 N 90 DEGREE BEND).	748 MOUNT	HEATING SYSTEM BROKEN REAR ENGINE		AU980190 7/23/97 CA970812010				
2140 7120 2750	(CAN) DURING AN	310R TER FUEL LINE CORRO CESSNA 337	IO520M ODED AND HOLED C	3AF32C87 N 90 DEGREE BEND).	748 MOUNT 145100830	HEATING SYSTEM BROKEN REAR ENGINE		AU980190 7/23/97 CA970812010				
7120	(CAN) DURING AN	310R TER FUEL LINE CORRO CESSNA 337 NNUAL INSPECTION, FO	IO520M DDED AND HOLED C DUND A REAR ENGI	3AF32C87 IN 90 DEGREE BEND NE MOUNT BROKEN). J. LOWER RIGHT HA	748 MOUNT 145100830 ND TUBE 1.5 INCHES BELO	HEATING SYSTEM BROKEN REAR ENGINE W THE WEB. CRACKED TH		AU980190 7/23/97 CA970812010 E ENTIRE				

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO		
2824		CESSNA	CONT	MCAULY		VALVE	WORN		2/13/98		
		421C	GTSIO520N	3FF32C501		74D81	FUEL XSFER VALVE		AU980159		
	(AUS) INLET FUEL VALVE ASSEMBLY WORN. VALVE FAILED TEST IAW AD/CESSNA400/100A4 DUE TO WORN VALVE STEM.										
2450		CESSNA		HARTZL		SWITCH	BURNT		2/17/98		
		441		HCB3TN5		CM358950	AC POWER DISTRIB		AU980185		
	(AUS) NO1 AVION	ICS SWITCH/CIRCUIT F	BREAKER INTERMIT	TENT FAULT.							
2430		CESSNA				CAPACITOR	SHORTED	2357	12/11/96		
		550				62581038	START/GEN FILTER		CA961218018		
	WIRING AND RET	AINING BRACKET WAS ED FOR THE OIL PRESSU	S DEFORMED FROM	THE BURN. THE OIL	FROM THE CAPACI	ASE 5 INSPECTION. A SMAI TOR COVERED THE WIRING URTHER DAMAGE, BUT NO	G AROUND THE POINT. CA	PACITOR,	BRACKET AND		
2750		CESSNA	PWA			GEARBOX	FAILED	2396	12/2/96		
		550	JT15D4			556517531	FLAP GR BOX		CA961205019		
	(CAN) WHILE CON	MPLYING WITH SB 550-	27-16, AND AFTER R	EMOVAL OF BOTH G	EARBOXES, ONE CO	OULD BE TURNED FREELY	WITHOUT OUTPUT SHAFT	TURNING.			
3010		CESSNA			BFGOODRICH	DE-ICER BOOT	DELAMINATED	2131	1/5/97		
		550			25S7S505910	25S7D505910	RT WING LE		CA970109017		
3240		LAMINATED BETWEEN ON AREA OF FAILURE C CESSNA			RE THE WING FLEXE	ES (SKINS JOINED AT THIS :	SPOT). NEW BOOT INSTAL FROZEN	LED. SUBI	MITTER STATES THA 12/31/96		
3240		500CESSNA				DRAKE	RT MAIN		CA970114012		
	, ,	AFT LANDED AND THE				ESTIGATION REVEALED TH NG. AIRCRAFT MOVED TO	AT THE RT BRAKE HAD IC		O SUBSEQUENTLY		
3260		CESSNA	PWA			SWITCHES	DEFECTIVE	2467	10/15/96		
		550	JT15D4			65430087	GEAR UPLOCK		CA961028007		
	BOTH MAIN LANI	OING GEAR DOWNLOC	K GREENS CAME ON	N. GEAR SELECTED D	OWN PRIOR TO LA	ON. NOSE RETRACTED, BUNDING AND ALL 3 GEARS I CHECK. PART TC: 2,780.					
7830		CNDAIR	GE			PNEUMATIC DR UNI	MIS ADJUSTED		1/24/97		
		CL6012A12	CF341A			12675862	LT ENGINE		CA970128006		
	` /	ST REVERSER PDU UN ED PNEUMATIC DRIVE	,	MAINED ON WHEN TH	IRUST REVERSER S	TOWED. FLEX LOCK FOUN	ID DISENGAGED. INTERNA	AL TIMING	FOUND OUT OF		
5711		DHAV	PWA			SPAR	CORRODED		2/9/98		
		DHC6300	PT6A27			C6W1056	SPAR CAPS	24349	CA980311013		
	RIGHT NACELLE I	FIREWALLS. THESE AF				FOUND ON THE FORWARD L OF THE NACELLES. LEF					
	TC: 30,073. ACFT	TT: 24,348 HOURS.									
5531	TC: 30,073. ACFT	TT: 24,348 HOURS. FLEET				VERT STAB	CRACKED	13069	6/16/97		
5531	TC: 30,073. ACFT					VERT STAB	CRACKED LEADING EDGE	13069	6/16/97 CA970709003		

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3230		GULSTM			AEROCD	ROLL PIN	SHEARED	5521	10/11/96			
		690A			540084501		GEAR HANDLE		CA961112013			
****	HYDRAULIC VAL		THE MANUAL MODE			YDRAULIC VALVE LEVER D EALED THE ROLL PIN OF TH						
5610		GULSTM				WINDSHIELD	CRACKED	361	2/10/98			
		690D				3600431255	COCKPIT		CA980311029			
	(CAN) THE WINDS	(CAN) THE WINDSHIELD OUTER GLASS CRACKED WHILE ON DESCENT. ACFT TT: 9,794 HOURS.										
3230		MTSBSI		HARTZL		LANDING GEAR	FAILED		1/21/98			
		MU2B30		HCB3TN5			LANDING GEAR RET		AU980181			
	'	(AUS) LANDING GEAR FAILED TO RETRACT. SYSTEM WORKED NORMALLY DURING GROUND CHECKS WHEN FOLLOWING RESETTING OF THE EMERGENCY EXTENSION SYSTEM. SUSPECT CAUSED BY MOVEMENT OF THE EMERGENCY EXTENSION HANDLE DURING MAINTENANCE.										
2520		PIPER		HARTZL		SPACER	MISSING		2/5/98			
		PA31350		HCE3YR2		4669523	PASSENGER SEAT		AU980112			
	(AUS) PASSENGER	R SEATS INSTALLED W	ITHOUT SPACERS CA	USING DAMAGE TO	THE MOUNTING PL	LATES AND SEAT LOCK MEC	CHANISM.					
2910		PIPER		HARTZL		HYDRAULIC SYSTEM	LOW QUANTITY		2/11/98			
		PA31350		HCE3YR2			HYDRAULIC MAIN		AU980164			
	(AUS) HYDRAULIC FLUID QUANTITY LOW. LANDING GEAR WOULD NOT FULLY EXTEND.											
2913		PIPER		HARTZL		PUMP	FAILED		2/5/98			
		PA31350		HCE3YR2		2680210	LT ENGINE HYD		AU980114			
	(AUS) LH ENGINE	DRIVEN HYDRAULIC I	PUMP FAULTY.									
3230		PIPER		HARTZL		DOWNLOCK HOOK	BINDING		2/11/98			
		PA31350		HCE3YR2		4098301	RT MLG		AU980184			
	(AUS) RH MAIN LA	ANDING GEAR DOWNL	OCK HOOK BINDING	•								
3230		PIPER				DOWNLOCK	DIRTY		8/2/97			
		PA31350					RT GEAR		CA970815015			
	(CAN) RIGHT HAN	ID GEAR DOWNLOCK I	FOUND DIRTY AND W	OULD NOT OPERAT	E FREELY.							
3230		PIPER		HARTZL		SIDE BRACE	CRACKED		2/3/98			
		PA31350		HCE3YR2		574442	LT LANDING GEAR		AU980166			
	(AUS) LH MAIN LA	ANDING GEAR FORWA	RD SIDE BRACE CRA	CKED. FOUND DURI	NG INSPECTION IAV	W AD/PA31/114 AMDT3.						
3230		PIPER		HARTZL		SIDE BRACE	CRACKED		2/3/98			
		PA31350		HCE3YR2		402773	LANDING GEAR RET		AU980194			
	(AUS) RH MAIN LA	ANDING GEAR FORWA	RD SIDE BRACE CRA	CKED. FOUND DURI	NG INSPECTION IAV	W AD/PA31/114 AMDT3.						
3250		PIPER		HARTZL		ARM	CRACKED		2/5/98			
		PA31350		HCE3YR2		44386000	NLG STEERING		AU980119			
	(AUS) NOSE WHEE	EL STEERING ARM CRA	CKED.									

INTERNATIONAL	SERVICE DIFF	TICHT TV REPORT	SIIMMARY -	AIRCRAFT (cont'd)
INTERNATIONAL	SERVICE DIFF	TOULT I REFURE	SUMMARI -	AINCNAFT (COILU)

3/29/98 To 4/4/98 ISSUE: 98-14 ZAC-327

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
5312		PIPER	LYC	HARTZL		BULKHEAD	CRACKED		2/4/98
		PA31	TIO540A1A	HCE3YR2		5269401	FUSELAGE		AU980193
		RH FRONT SPAR ATTA KED FUSELAGE SKIN.	CHMENT BULKHEA	D CRACKED. BULKHI	EAD, CHANNEL PNO	0 40603-02 AND REINFORC	EMENT PLATE PNO 53016 W	ERE REPLA	ACED. FOUND DURING
5520		PIPER		HARTZL		BEARING	WORN		2/5/98
		PA31350		HCE3YR2		452386	LT & RT ELEV		AU980124
	(AUS) LH AND RH	ELEVATOR HINGE BE	ARINGS WORN.						
5540		PIPER		HARTZL		BEARING	WORN		2/5/98
		PA31350		HCE3YR2		452386	RUDDER HINGE		AU980125
	(AUS) RUDDER HI	NGE BEARINGS WORN							
6120		PIPER		HARTZL		CABLE	BROKEN		2/5/98
		PA31350		HCE3YR2		2489417	PROP CONTROL		AU980120
	(AUS) RH PROPEL	LER PITCH CONTROL (CABLE FAILED.						
7120		PIPER	LYC	HARTZL		MOUNT	CORRODED		2/5/98
		PA31350	TIO540J2BD	HCE3YR2		4000707	ENGINE		AU980118
	(AUS) RH ENGINE	MOUNTS BADLY COR	RODED.						
7160		PIPER	LYC	HARTZL		CLIP	SEPARATED		2/5/98
		PA31350	TIO540J2BD	HCE3YR2		78164	ENGINE AIR INTAK		AU980113
	(AUS) TURBOCHA	RGER BYPASS DOOR I	MAGNETIC CATCH S	EPARATED FROM MO	OUNTING RUBBER.	ΓΗΕ CATCH WAS REATTA	CHED USING `SILASTIC'.		
7160		PIPER	LYC	HARTZL		DOOR	BROKEN		2/5/98
		PA31350	TIO540J2BD	HCE3YR2		5491602	ENG AIR INTAKE		AU980117
	(AUS) ENGINE AIR	R INTAKE ALTERNATE	AIR DOOR RETURN	SPRING BROKEN. DO	OR HINGE SHAFT A	ND BUSHES EXCESSIVEL	Y WORN.		
7160		PIPER	LYC	HARTZL		DUCT	BROKEN		2/5/98
		PA31350	TIO540J2BD	HCE3YR2		5491602	ENG AIR INTAKE		AU980121
	(AUS) RH ENGINE	ALTERNATE AIR DOO	R RETURN SPRING B	ROKEN. DOOR AXLE	SHAFT AND BUSHI	NGS BADLY WORN.			
End of IN	TERNATIONAL SEF	RVICE DIFFICULTY I	REPORT SUMMAR	Y - AIRCRAFT)					

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2140		BELL	ALLSN			BLOWER ASSY	VIBRATION		1/20/97
		206B	250C20B			C241500E	HEATER	15	CA970311083
	(CAN) BLOWER A FAILURE.	SSY DEVELOPED A VIE	BRATION SHORTLY A	AFTER INSTALLATIO	N. BUTTERFLY VAI	LVE WAS CRACKED AND S	QUIRREL CAGE OF BLOWE	R WAS LOO	OSE DUE TO BEARING
2810		BELL	ALLSN			DOUBLER	DAMAGED	14691	7/5/96
		206B	250C20				FUEL CELL		CA970311017
	(CAN) FUEL CELL	DOUBLERS DAMAGED).						
2822		BELL	ALLSN			CIRCUIT BREAKER	WORN		1/24/97
		206B	250C20			7274210	BOOST PUMP		CA970311084
	(CAN) FORWARD	BOOST PUMP INTERMI	TTANT. NOT SWITC	HING ON. CIRCUIT E	BREAKER WORN.				
842		BELL	ALLSN			SENDING UNIT	FAILED		1/16/97
		206B	250C20			EA470B3588	FUEL QTY		CA970311081
	(CAN) FUEL SEND	OING UNIT SENDING ER	RONEOUS READING	S. DROPPING FROM	15-20 GALS TO ZER	0.			
210		BELL	ALLSN			LINK	WORN	16645	2/26/97
		206B	250C20			206031524005	DOOR		CA970327024
	(CAN) DOOR LATO ALL THE WAY TH		S CHAFING ON NUTF	PLATE SECURING PLA	ATE COVER P/N 206-	031-501-104. LINK WAS SU	JBSTANTIALLY DAMAGED	ГО ТНЕ РО	INT OF BEING WOR
5310		BELL	ALLSN			SUPPORT	CORRODED		1/31/97
		206L	250C20B			206030111003	AIRFRAME		CA970311087
	(CAN) EXTENSIVE	E CORROSION OF SUPPO	ORT.						
320		BELL	ALLSN			SUPPORT	CRACKED		11/25/96
		206B	250C20			206031301023	UPPER RADIUS		CA970311073
	(CAN) SUPPORT W AIRCRAFT TT: 15		VARD UPPER RIGHT	HAND RADIUS. NO C	RACKS ALLOWED	IN THIS AREA. THIS DAMA	GE WAS VISIBLE ONLY WIT	TH FUEL CE	ELL REMOVED.
320		BELL	ALLSN			SUPPORT	CRACKED		11/21/96
		206B	250C20			206031301023	UPPER RT RADIUS		CA970311066
	(CAN) SUPPORT W 14,949 HOURS.	VAS CRACKED IN FORV	VARD UPPER RIGHT	HAND RADIUS. NO C	CRACKS ALLOWED	IN THIS AREA. DAMAGE C	ONLY VISIBLE WITH FUEL C	ELL REMO	VED. AIRCRAFT TT:
320		BELL	ALLSN			SUPPORT	CORRODED		11/21/96
		206B	250C20			206033173001	FUSELAGE		CA970311065
	(CAN) SUPPORT C	CORRODED BEYOND RE	EPAIRABLE LIMITS.						
320		BELL	ALLSN			SUPPORT	CRACKED		1/31/97
		206L	250C20B			206033311001	ENGINE AREA		CA970311088
	(CAN) CRACKS Of	N BOTH SIDES OF CAST	ING.						
310		BELL	ALLSN		BELL	BEARING	FAILED		1/7/98
		206B	250C20B		206B3	206040205005	ENGINE/TRANSMISS	1979	AU980202
				E + DD1G D10204 040		BEARING SURFACE PNO			

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6310		BELL	ALLSN			FREEWHEEL UNIT	LEAKING	10300	3/11/97
		206B	250C20			206040230025	M/R	53	CA970327018
	(CAN) FRONT SEA	AL OF FREEWHEEL UNI	Γ LEAKING.						
6330		BELL	ALLSN			PYLON SUPPORT	LOOSE		2/4/97
		206B	250C20			206031589001	RT SUPPORT	1450	CA970311089
	(CAN) BEARING L	OOSE, TEFLON COMIN	G OFF BEARING.						
7100		BELL	ALLSN			HOSE ASSY	CORRODED		1/31/97
		206L	250C20B			70009H000V210A	ENGINE		CA970311085
	(CAN) HOSE ASSE	EMBLY HAS CORROSIO	N AT THE END FITTI	NG.					
7311		BELL	ALLSN			COOLER	CORROSION		1/15/97
		206B	250C20			8534998	FUEL/OIL		CA970311080
	(CAN) PRIOR TO I	NSTALLATION, THE IN	SPECTION REVEALE	D CORROSION AT BO	OTH THE INLET AN	D OUTLET PORTS, AS WEL	L AS A SUBSTANTIAL AMO	UNT ON TH	IE BYPASS VALVE.
5302		BELL				FITTING	CRACKED	11578	2/27/97
		212				212030161001	TAILBOOM		CA970421007
		VAS FOUND RADIATING ITING WAS THE LOWE		IOLE OF THE TAILBO	OOM MOUNTING BC	DLT. CLOSER INSPECTION	REVEALED THAT THE FITT	TING WAS A	LMOST COMPLETELY
7110		BELL	PWA			COWLING	DEPARTED	1	10/7/97
		412	PT6T3			212060805121	LT SIDE		CA971015065
		NG NORMAL ON TEST I LEFT STABILIZER WA				WLING WAS MISSING. A F	ASTENER REQUIRED PER A	SB 412-95-8	7 HAD NOT BEEN
7230		BOLKMS	LYC		LYC	ENGINE	STALLED		1/25/98
		BK117B2	LTS101750B1		LTS101750		ENG COMPRESSOR		AU980127
	(AUS) NO1 ENGIN	E SUFFERED A COMPRI	ESSOR STALL.						
6220		HUGHES				DAMPER	DELAMINATED		2/6/98
		269C				269A12903	MAIN ROTOR HEAD		AU980167
	FOUND NIL DEFE		TIME THE AIRCRAFT	HAD DEVELOPED A			ROXIMATELY 150 HOURS P D ONE DAMPER DELAMINA		
3270		HUGHES	ALLSN			REAR STRUT	CRACKED		12/16/96
		369D	250C20B			369H600151	DRAG BRACE		CA970311068
	(CAN) LOOSE INN	ER FITTING, WORKING	RIVETS AND CRAC	KED AROUND LOWE	R HOLE OF LANDIN	IG GEAR DRAG BRACE HO	LE.		
3270		HUGHES	ALLSN			GEAR LEG	CRACKED		1/17/97
		369D	250C20B			369H600152	R/H AFT		CA970311082
	(CAN) REMOVED	FOR "SMOKING" RIVET	S ON END CAP. FOU	JND CRACK EXTEND	ING FROM FORE/AF	FT STRUT ATTACHMENT F	IOLE.		
6220		HUGHES	ALLSN			HUB	CRACKED	1848	9/6/96
		369D	250C20B			369D21201	LINKS	1240	CA970421036
	(CAN) CRACKS FO	OUND ON RED AND GRI	EEN LOWER LEAD L	AG LINKS. CRACKS I	RADIATED FROM T	RAILING EDGE BOLT BUS	HING TO THE MIDDLE OF LI	INK. APPRO	OX 2 INCHES LONG.

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7250		HUGHES	ALLSN			BEARING	FAILED		9/25/96
		369D	250C20B		6898735	6871505	NR 5 BEARING	197	CA961112005
	(CAN) DURING FL	IGHT, CHIP LIGHT ILLU	UMINATED AND POV	VER LOSS OCCURRED	D. AUTO ROTATION	CARRIED OUT.			
3242		SKRSKY	ALLSN			BRAKE	FROZEN		3/14/97
		S76A	250C30			5007555	WHEEL		CA970407015
	` /	RMAL SHUTDOWN, A/ THE MORNING THRO		L BACKWARDS. FUL	L BRAKES APPLIED	, BUT A/C CONTINUED TO	TURN. SUSPECT BRAKES	FROZE AFTI	ER BEING PULLED
2312		SNIAS	TMECA			VHF COMM	INTERMITTANT		2/26/97
		AS350B	ARRIEL1B			064105430	DISPLAY	109	CA970327023
	(CAN) LED LEVEL	INTERMITTANT, UNA	BLE TO SEE DISPLAY	Y IN DAYLIGHT.					
2312		SNIAS	TMECA			TRANSCEIVER	FAILED		2/19/97
		AS350B	ARRIEL1B			9210121	COCKPIT		CA970327026
	(CAN) VHF-FM TR.	ANSCEIVER NO SIDE T	ONE, UNABLE TO AI	DJUST.					
2842		SNIAS	TMECA			TRANSMITTER	STICKING		1/15/97
		AS350B	ARRIEL1B			647510033	FUEL QTY		CA970311079
	(CAN) FLOAT STIC	CKING, NO INDICATION	N OF LOW FUEL WAR	RNING AT APPROPRIA	ATE LEVEL.				
							CENTER IN		1/15/97
2842		SNIAS	TMECA			TRANSMITTER	STICKING		1/13/97
2842		SNIAS AS350B	TMECA ARRIEL1B			TRANSMITTER 647510033	FUEL QTY		CA970327027
2842	(CAN) FUEL QUAN LEVELS IN TANK.	AS350B	ARRIEL1B	50 PERCENT OF TOTA	AL FUEL. FLOAT AS	647510033		IG WOULD I	CA970327027
2842 5320	(-) - (-	AS350B	ARRIEL1B	50 PERCENT OF TOTA	AL FUEL. FLOAT AS	647510033	FUEL QTY	IG WOULD I	CA970327027
	(-) - (-	AS350B ITITY INDICATOR WOU	ARRIEL1B ULD ONLY READ 20-	50 PERCENT OF TOTA	AL FUEL. FLOAT AS	647510033 SEMBLY DIFFICULT TO M	FUEL QTY IOVE, LOW LEVEL WARNIN	IG WOULD I	CA970327027 NOT WORK AT LOW
	LEVELS IN TANK.	AS350B ITITY INDICATOR WOU SNIAS	ARRIEL1B ULD ONLY READ 20- TMECA ARRIEL1B			647510033 SEMBLY DIFFICULT TO M CROSSBEAM 350A38021003	FUEL QTY IOVE, LOW LEVEL WARNIN CRACKED		CA970327027 NOT WORK AT LOW 2/7/97
	LEVELS IN TANK.	AS350B ITITY INDICATOR WOU SNIAS AS350B	ARRIEL1B ULD ONLY READ 20- TMECA ARRIEL1B			647510033 SEMBLY DIFFICULT TO M CROSSBEAM 350A38021003	FUEL QTY IOVE, LOW LEVEL WARNIN CRACKED	1166	CA970327027 NOT WORK AT LOW 2/7/97
5320	LEVELS IN TANK.	AS350B ITITY INDICATOR WOU SNIAS AS350B RBOX BI-DIRECTIONAL	ARRIEL1B ULD ONLY READ 20- TMECA ARRIEL1B			647510033 SEMBLY DIFFICULT TO M CROSSBEAM 350A38021003 R AD 96-156-07(B).	FUEL QTY IOVE, LOW LEVEL WARNIN CRACKED MGB CROSSBEAM	1166	CA970327027 NOT WORK AT LOW 2/7/97 CA970311091
5320	LEVELS IN TANK. (CAN) MAIN GEAR	AS350B ETITY INDICATOR WOU SNIAS AS350B EBOX BI-DIRECTIONAL SNIAS	ARRIEL1B ULD ONLY READ 20- TMECA ARRIEL1B CROSSBEAM FOUN	D CRACKED DURING	INSPECTION AS PE	647510033 SEMBLY DIFFICULT TO M CROSSBEAM 350A38021003 R AD 96-156-07(B). BLADE	FUEL QTY IOVE, LOW LEVEL WARNIN CRACKED MGB CROSSBEAM CRACKED	1166	CA970327027 NOT WORK AT LOW 2/7/97 CA970311091 2/26/97
5320	LEVELS IN TANK. (CAN) MAIN GEAR	AS350B ITITY INDICATOR WOU SNIAS AS350B RBOX BI-DIRECTIONAL SNIAS AS350B1	ARRIEL1B ULD ONLY READ 20- TMECA ARRIEL1B CROSSBEAM FOUN	D CRACKED DURING	INSPECTION AS PE	647510033 SEMBLY DIFFICULT TO M CROSSBEAM 350A38021003 R AD 96-156-07(B). BLADE	FUEL QTY IOVE, LOW LEVEL WARNIN CRACKED MGB CROSSBEAM CRACKED	1166	CA970327027 NOT WORK AT LOW 2/7/97 CA970311091 2/26/97
5320 6210	LEVELS IN TANK. (CAN) MAIN GEAR	AS350B ITITY INDICATOR WOU SNIAS AS350B BOX BI-DIRECTIONAL SNIAS AS350B1 OR BLADE FOUND WITH	ARRIEL1B ULD ONLY READ 20- TMECA ARRIEL1B CROSSBEAM FOUN H CHORDWISE CRAC	D CRACKED DURING	INSPECTION AS PE	647510033 SEMBLY DIFFICULT TO M CROSSBEAM 350A38021003 R AD 96-156-07(B). BLADE 355A11002004	FUEL QTY IOVE, LOW LEVEL WARNIN CRACKED MGB CROSSBEAM CRACKED MAIN ROTOR	3114	CA970327027 NOT WORK AT LOW 2/7/97 CA970311091 2/26/97 CA970421008
5320 6210	(CAN) MAIN GEAR (CAN) MAIN ROTO	AS350B ITITY INDICATOR WOU SNIAS AS350B BOX BI-DIRECTIONAL SNIAS AS350B1 OR BLADE FOUND WITH SNIAS AS350B	ARRIEL1B ULD ONLY READ 20- TMECA ARRIEL1B CCROSSBEAM FOUN H CHORDWISE CRAC	D CRACKED DURING CK. CRACK 35.43" OUT	INSPECTION AS PE	647510033 SEMBLY DIFFICULT TO M CROSSBEAM 350A38021003 R AD 96-156-07(B). BLADE 355A11002004 BOLT 350A37124420	FUEL QTY IOVE, LOW LEVEL WARNIN CRACKED MGB CROSSBEAM CRACKED MAIN ROTOR CORRODED	1166 3114 1538	CA970327027 NOT WORK AT LOW 2/7/97 CA970311091 2/26/97 CA970421008
5320 6210	(CAN) MAIN GEAR (CAN) MAIN ROTO	AS350B ITITY INDICATOR WOU SNIAS AS350B BOX BI-DIRECTIONAL SNIAS AS350B1 OR BLADE FOUND WITH SNIAS AS350B	ARRIEL1B ULD ONLY READ 20- TMECA ARRIEL1B CCROSSBEAM FOUN H CHORDWISE CRAC	D CRACKED DURING CK. CRACK 35.43" OUT	INSPECTION AS PE	647510033 SEMBLY DIFFICULT TO M CROSSBEAM 350A38021003 R AD 96-156-07(B). BLADE 355A11002004 BOLT 350A37124420	FUEL QTY IOVE, LOW LEVEL WARNIN CRACKED MGB CROSSBEAM CRACKED MAIN ROTOR CORRODED MAIN ROTOR	1166 3114 1538	CA970327027 NOT WORK AT LOW 2/7/97 CA970311091 2/26/97 CA970421008
5320 6210 6220	(CAN) MAIN GEAR (CAN) MAIN ROTO	AS350B ITITY INDICATOR WOU SNIAS AS350B RBOX BI-DIRECTIONAL SNIAS AS350B1 DR BLADE FOUND WITH SNIAS AS350B DR HEAD BOLTS P/N 35	ARRIEL1B ULD ONLY READ 20- TMECA ARRIEL1B CROSSBEAM FOUN H CHORDWISE CRAC TMECA ARRIEL1B 0A37-1244-20 AND 35	D CRACKED DURING CK. CRACK 35.43" OUT	INSPECTION AS PE	647510033 SEMBLY DIFFICULT TO M CROSSBEAM 350A38021003 R AD 96-156-07(B). BLADE 355A11002004 BOLT 350A37124420 RUST AREAS WHERE DRY	FUEL QTY IOVE, LOW LEVEL WARNIN CRACKED MGB CROSSBEAM CRACKED MAIN ROTOR CORRODED MAIN ROTOR LUBRICANT HAD WORN O	1166 3114 1538 FF.	CA970327027 NOT WORK AT LOW 2/7/97 CA970311091 2/26/97 CA970421008
5320 6210 6220	(CAN) MAIN GEAR (CAN) MAIN ROTO (CAN) MAIN ROTO	AS350B STITTY INDICATOR WOU SNIAS AS350B SBOX BI-DIRECTIONAL SNIAS AS350B1 OR BLADE FOUND WITH SNIAS AS350B OR HEAD BOLTS P/N 35 SNIAS	ARRIEL1B ULD ONLY READ 20- TMECA ARRIEL1B CROSSBEAM FOUN H CHORDWISE CRAC TMECA ARRIEL1B 0A37-1244-20 AND 35 TMECA ARRIEL1B	D CRACKED DURING CK. CRACK 35.43" OUT GOA37-1245-20 FOUND	INSPECTION AS PE	647510033 SEMBLY DIFFICULT TO M CROSSBEAM 350A38021003 R AD 96-156-07(B). BLADE 355A11002004 BOLT 350A37124420 RUST AREAS WHERE DRY STARFLEX	FUEL QTY IOVE, LOW LEVEL WARNIN CRACKED MGB CROSSBEAM CRACKED MAIN ROTOR CORRODED MAIN ROTOR LUBRICANT HAD WORN O CRACKED	1166 3114 1538 FF.	CA970327027 NOT WORK AT LOW 2/7/97 CA970311091 2/26/97 CA970421008 1/27/97 CA970421040
5320 6210 6220	(CAN) MAIN GEAR (CAN) MAIN ROTO (CAN) MAIN ROTO	AS350B ITITY INDICATOR WOU SNIAS AS350B BOX BI-DIRECTIONAL SNIAS AS350B1 OR BLADE FOUND WITH SNIAS AS350B OR HEAD BOLTS P/N 35 SNIAS AS350BA	ARRIEL1B ULD ONLY READ 20- TMECA ARRIEL1B CROSSBEAM FOUN H CHORDWISE CRAC TMECA ARRIEL1B 0A37-1244-20 AND 35 TMECA ARRIEL1B	D CRACKED DURING CK. CRACK 35.43" OUT GOA37-1245-20 FOUND	INSPECTION AS PE	647510033 SEMBLY DIFFICULT TO M CROSSBEAM 350A38021003 R AD 96-156-07(B). BLADE 355A11002004 BOLT 350A37124420 RUST AREAS WHERE DRY STARFLEX	FUEL QTY IOVE, LOW LEVEL WARNIN CRACKED MGB CROSSBEAM CRACKED MAIN ROTOR CORRODED MAIN ROTOR LUBRICANT HAD WORN O CRACKED	1166 3114 1538 FF.	CA970327027 NOT WORK AT LOW 2/7/97 CA970311091 2/26/97 CA970421008 1/27/97 CA970421040
5320 6210 6220	(CAN) MAIN GEAR (CAN) MAIN ROTO (CAN) MAIN ROTO	AS350B STITTY INDICATOR WOU SNIAS AS350B SBOX BI-DIRECTIONAL SNIAS AS350B1 DR BLADE FOUND WITH SNIAS AS350B DR HEAD BOLTS P/N 35 SNIAS AS350BA ASSEMBLY FOUND CR	ARRIEL1B ULD ONLY READ 20- TMECA ARRIEL1B CROSSBEAM FOUN H CHORDWISE CRAC TMECA ARRIEL1B 0A37-1244-20 AND 35 TMECA ARRIEL1B ACKED ON TRAILIN	D CRACKED DURING CK. CRACK 35.43" OUT GOA37-1245-20 FOUND	INSPECTION AS PE	647510033 SEMBLY DIFFICULT TO M CROSSBEAM 350A38021003 R AD 96-156-07(B). BLADE 355A11002004 BOLT 350A37124420 EUST AREAS WHERE DRY STARFLEX 350A31190703	FUEL QTY IOVE, LOW LEVEL WARNIN CRACKED MGB CROSSBEAM CRACKED MAIN ROTOR CORRODED MAIN ROTOR LUBRICANT HAD WORN O CRACKED TRAILING EDGE	1166 3114 1538 FF.	CA970327027 NOT WORK AT LOW 2/7/97 CA970311091 2/26/97 CA970421008 1/27/97 CA970421040 4/2/97 CA970409002
5320 6210 6220	(CAN) MAIN GEAR (CAN) MAIN ROTO (CAN) MAIN ROTO (CAN) STARFLEX	AS350B STITTY INDICATOR WOU SNIAS AS350B SBOX BI-DIRECTIONAL SNIAS AS350B1 OR BLADE FOUND WITH SNIAS AS350B OR HEAD BOLTS P/N 35 SNIAS AS350BA ASSEMBLY FOUND CR SNIAS	ARRIEL1B ULD ONLY READ 20- TMECA ARRIEL1B CROSSBEAM FOUN H CHORDWISE CRAC TMECA ARRIEL1B 0A37-1244-20 AND 35 TMECA ARRIEL1B ACKED ON TRAILIN TMECA ARRIEL1B	D CRACKED DURING CK. CRACK 35.43" OUT G0A37-1245-20 FOUND G EDGE OF ARM. PAI	INSPECTION AS PETER TROOT. CORRODED IN THR RT TC: 2,102.	647510033 SEMBLY DIFFICULT TO M CROSSBEAM 350A38021003 R AD 96-156-07(B). BLADE 355A11002004 BOLT 350A37124420 EUST AREAS WHERE DRY STARFLEX 350A31190703 TRANSMITTER	FUEL QTY IOVE, LOW LEVEL WARNIN CRACKED MGB CROSSBEAM CRACKED MAIN ROTOR CORRODED MAIN ROTOR LUBRICANT HAD WORN O CRACKED TRAILING EDGE ERRATIC	1166 3114 1538 FF.	CA970327027 NOT WORK AT LOW 2/7/97 CA970311091 2/26/97 CA970421008 1/27/97 CA970421040 4/2/97 CA970409002 2/25/97
5320 6210 6220	(CAN) MAIN GEAR (CAN) MAIN ROTO (CAN) MAIN ROTO (CAN) STARFLEX	AS350B STITTY INDICATOR WOU SNIAS AS350B SBOX BI-DIRECTIONAL SNIAS AS350B1 OR BLADE FOUND WITH SNIAS AS350B OR HEAD BOLTS P/N 35 SNIAS AS350BA ASSEMBLY FOUND CR SNIAS AS350B	ARRIEL1B ULD ONLY READ 20- TMECA ARRIEL1B CROSSBEAM FOUN H CHORDWISE CRAC TMECA ARRIEL1B 0A37-1244-20 AND 35 TMECA ARRIEL1B ACKED ON TRAILIN TMECA ARRIEL1B	D CRACKED DURING CK. CRACK 35.43" OUT G0A37-1245-20 FOUND G EDGE OF ARM. PAI	INSPECTION AS PETER TROOT. CORRODED IN THR RT TC: 2,102.	647510033 SEMBLY DIFFICULT TO M CROSSBEAM 350A38021003 R AD 96-156-07(B). BLADE 355A11002004 BOLT 350A37124420 EUST AREAS WHERE DRY STARFLEX 350A31190703 TRANSMITTER	FUEL QTY IOVE, LOW LEVEL WARNIN CRACKED MGB CROSSBEAM CRACKED MAIN ROTOR CORRODED MAIN ROTOR LUBRICANT HAD WORN O CRACKED TRAILING EDGE ERRATIC	1166 3114 1538 FF.	CA970327027 NOT WORK AT LOW 2/7/97 CA970311091 2/26/97 CA970421008 1/27/97 CA970421040 4/2/97 CA970409002 2/25/97
5320 6210 6220 6220	(CAN) MAIN GEAR (CAN) MAIN ROTO (CAN) MAIN ROTO (CAN) STARFLEX	AS350B STITTY INDICATOR WOU SNIAS AS350B SBOX BI-DIRECTIONAL SNIAS AS350B1 DR BLADE FOUND WITH SNIAS AS350B DR HEAD BOLTS P/N 35 SNIAS AS350BA ASSEMBLY FOUND CR SNIAS AS350B ANSMITTER PRODUCT	ARRIEL1B ULD ONLY READ 20- TMECA ARRIEL1B CROSSBEAM FOUN H CHORDWISE CRAC TMECA ARRIEL1B 0A37-1244-20 AND 35 TMECA ARRIEL1B ACKED ON TRAILIN TMECA ARRIEL1B	D CRACKED DURING CK. CRACK 35.43" OUT G0A37-1245-20 FOUND G EDGE OF ARM. PAI	INSPECTION AS PETER TROOT. CORRODED IN THR RT TC: 2,102.	647510033 SEMBLY DIFFICULT TO M CROSSBEAM 350A38021003 R AD 96-156-07(B). BLADE 355A11002004 BOLT 350A37124420 RUST AREAS WHERE DRY STARFLEX 350A31190703 TRANSMITTER 9580113720	FUEL QTY IOVE, LOW LEVEL WARNIN CRACKED MGB CROSSBEAM CRACKED MAIN ROTOR CORRODED MAIN ROTOR LUBRICANT HAD WORN O CRACKED TRAILING EDGE ERRATIC M/R TORQUE	1166 3114 1538 FF.	CA970327027 NOT WORK AT LOW 2/7/97 CA970311091 2/26/97 CA970421008 1/27/97 CA970421040 4/2/97 CA970409002 2/25/97 CA970327025

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6322		SNIAS	TMECA			FAN	BROKEN		3/6/97
		AS350B	ARRIEL1B			95544576	OIL COOLER		CA970327019
	(CAN) BROKEN VA	NES ON OIL COOLER	FAN CAUSED VIBRA	TION THROUGH AIRE	FRAME.				
6340		SNIAS	TMECA			TRANSMITTER	ERRONEOUS		1/9/97
		AS350B	ARRIEL1B			9580113720	M/R	1225	CA970421037
	(CAN) TORQUE GA	UGE SPINS BACKWAR	RDS. GAUGE EXORC	ISED AND TRANSMIT	TER CHANGED.				
6420		SNIAS				HINGE	DELAMINATED	83	4/15/97
		AS350B2				350A33215300	TAIL ROTOR		CA970421020
	(CAN) TAIL ROTOR	R LAMINATED HINGE I	FOUND WITH EXCES	SIVE CRACKS AND D	ELAMINATIONS.				
6420		SNIAS	TMECA			HINGE	DELAMINATED	362	4/2/97
		AS350BA	ARRIEL1B			350A33215300	TAIL ROTOR		CA970409001
	(CAN) OVER A PER 1,208.	RIOD OF 5 HOURS, PILO	OT NOTED AN INCRE	ASED VIBRATION. IN	ISPECTION REVEAL	ED DELAMINATED ELASTO	OMERS ON LAMINATED HI	NGE OF TA	IL ROTOR. PART TC:
6420		SNIAS	TMECA			HINGE	DELAMINATED	47	4/11/97
		AS350BA	ARRIEL1B			350A33215300	TAIL ROTOR		CA970421021
	(CAN) TAIL ROTOR	R LAMINATED HINGE I	FOUND WITH EXCES	SIVE CRACKS AND D	ELAMINATIONS.				
6520		SNIAS	TMECA			LAMINATED HINGE	WORN		9/9/96
		AS350BA	ARRIEL1B			350A33215300	T/R		CA970311013
	(CAN) LAMINATEI	O HINGE DAMAGED AN	ND WORN.						
6720		SNIAS	TMECA			PITCH CHANGE ROD	CORRODED		3/6/97
		AS350B	ARRIEL1B			350A33214501	T/R		CA970327021
	(CAN) ELASTOMEI	R BUSHINGS IN TAIL R	OTOR PITCH CHANC	GE ROD END FOUND	CORRODED, CRACK	ED, AND DELAMINATED.			
7311		SNIAS	TMECA			OIL COOLER	DIRT		9/13/96
		AS350B	ARRIEL1B			RH2113	INTERNAL		CA970311011
	(CAN) DUST CAPS	WERE MISSING WHEN	RECEIVED FROM O	VERHAUL CONTRAC	TOR. MUCH DUST B	EJECTED FROM COOLER W	HEN COMPRESSED AIR BLO	WN THRO	OUGH.
7714		SNIAS	TMECA			TACHOMETER BOX	SHORTED		8/24/96
		AS350B	ARRIEL1B			0177555170	ENG RPM	293	CA961021007
	` '					', AND 20 DEGREES CELSIU AINTAIN ROTOR RPM AND	S. CAUSED ENGINE BLEED IT RAPIDLY DECAYED.	VALVE N	OT TO CLOSE
7722		SNIAS	TMECA			INDICATOR	STICKING		2/28/97
		AS350B	ARRIEL1B			56265220	ENG T4		CA970327022
	(CAN) NEEDLE STI	CKING AT 700 +/- 50 D	EGREES.						
7810		SNIAS	TMECA			CLAMP	BROKEN	80	2/6/97
		AS350B	ARRIEL1B			029280874	ENGH EXH RT TANG		CA970421039
	(CAN) ENGINE EXI	HAUST MOUNTING CL	AMP TANG ON RIGH	T HAND SIDE BROKE	EN.				
End of IN	TERNATIONAL SER	VICE DIFFICULTY I	REPORT SUMMAR	Y - HELICOPTERS)					

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
8530		BEECH	CONT	MCAULY	CONT	VALVE	LEAKING		2/16/98
		35C33	IO470K	2A36C23	O470K	G46754	NR 3 CYL EXH		AU980158
	(AUS) NO1 CYLIN	DER EXHAUST VALVE	LEAKING AND VAL	VE GUIDE WORN (ST	ILLWITHIN LIMITS).	NO3 CYLINDER INLET VA	LVE LEAKING.		
8530		BEECH	LYC			PISTON	CRACKED		2/20/98
		76	LO360A1G6			SL75089STD	RECIP ENG		AU980188
	(AUS) PISTON CRA	ACKED.							
7311		BELL	ALLSN			COOLER	CORROSION		1/15/97
		206B	250C20			8534998	FUEL/OIL		CA970311080
	(CAN) PRIOR TO I	NSTALLATION, THE IN	SPECTION REVEAL	ED CORROSION AT BO	OTH THE INLET AND	OUTLET PORTS, AS WEL	L AS A SUBSTANTIAL AMOU	UNT ON TH	E BYPASS VALVE.
7230		BOLKMS	LYC		LYC	ENGINE	STALLED		1/25/98
		BK117B2	LTS101750B1		LTS101750		ENG COMPRESSOR		AU980127
	(AUS) NO1 ENGIN	E SUFFERED A COMPR	ESSOR STALL.						
7322		CESSNA	CONT	MCAULY	FACET	PLUNGER	DAMAGED		1/31/98
		150M	O200A	1A102OCM	CARBURETTOR	194593	CARB ACCEL PUMP		AU980138
	(AUS) CARBURET	TOR ACCELERATOR P	UMP PLUNGER LEAT	THER CAP TORN IN Τ	WO PLACES.				
8550		CESSNA	LYC			OIL PUMP	CRACKED	3192	3/12/98
		172L	O320E2D			76354	ENG OIL	652	CA960223013
	,						D OUT AND PRESSURE MAII M O/H SHOP STATED THAT C		
8530		CESSNA	CONT	MCAULY	CONT	ENGINE	WORN		1/30/98
		182H	O470R	2A34C66	O470	131324	EXH VLV GUIDES		AU980140
		HAUST VALVE GUIDES OCKED WITH CARBON			NGS BADLY WORN. P	SISTON PINS AND CONNE	CTING ROD BUSHES WORN.	OIL FILTEI	R ALMOST
8500		CESSNA	CONT	MCAULY		ENGINE	VIBRATES		2/9/98
		210M	IO520L	D3A32C88			POWER SECT		AU980139
	(AUS) ENGINE VII	BRATION FELT THROU	GH FLOOR AND RUI	ODER PEDALS.					
7250		EMB	PWA	HARTZL		COVER	INCORRECT FIT		1/18/98
		EMB110P1	PT6A34	HCB3TN3		3012264	TURBINE SECTION		AU980195
	(AUS) NO2 BEARI	NG COVER INCORRECT	ΓLY SEATED. PERSC	NNEL/MAINTENANCI	E ERROR.				
7250		HUGHES	ALLSN			BEARING	FAILED		9/25/96
		369D	250C20B		6898735	6871505	NR 5 BEARING	197	CA961112005
	(CAN) DURING FL	IGHT, CHIP LIGHT ILLI	UMINATED AND PO	WER LOSS OCCURRE	D. AUTO ROTATION	CARRIED OUT.			
7314		PARTEN	LYC	HARTZL		PUMP	FAILED		2/12/98
		P68B	IO360A1B6	HCC2YK2		LW15473	ENGINE FUEL		AU980182
	'	EL PUMP DRIVE LEVER N OF LEVER FOUND IN			ER SECTION WITHIN	THE PUMP HAS SECOND	ARY CRACKING AND IS SLI	GHTLY BO	WED OUTWARDS.

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
7314		PIPER	LYC	HARTZL		PUMP	MALFUNCTION		2/5/98
		PA31350	TIO540J2BD	HCE3YR2		LW13918	ENGINE FUEL		AU980115
	(AUS) RH ENGINE	DRIVEN FUEL PUMP LO	OW PRESSURE OUTP	UT.					
7414		PIPER	LYC	HARTZL	BENDIX	MAGNETO	SHORTED		2/1/98
		PA31350	LTIO540J2BD	HCE3YR2	D6RN3200	8442094	RT ENG LT MAG		AU980154
	(AUS) RH ENGINE	LH MAGNETO PRIMAR	Y LEAD SHORT CIRC	CUITED TO MAGNET	O CASE.				
8500		PIPER	LYC	HARTZL		ENGINE	DETERIORATED		2/5/98
		PA31350	TIO540J2BD	HCE3YR2			LT ENG		AU980123
	()			,			RED. NO GROMMETS FOR E G. CHT PROBE FITTED TO T		
		PIPER	LYC	HARTZL		ENGINE	DETERIORATED		2/5/98
8500		THEK	LIC	HARILL		LINGINE	DETERIORATED		2/3/70
8500		PA31350	TIO540J2BD	HCE3YR2		LIVOINL	RT ENG		AU980122
8500	(/	PA31350 CONDITION POOR. ALI	TIO540J2BD LELECTRICAL WIRE	HCE3YR2 SS, IGNITION HARNE		AND OIL HOSES NOT SECU			AU980122 SES AND WIRING
	WHERE THEY PAS	PA31350 CONDITION POOR. ALI	TIO540J2BD LELECTRICAL WIRE	HCE3YR2 SS, IGNITION HARNE		AND OIL HOSES NOT SECU	RT ENG JRED. NO GROMMETS TO F		AU980122 SES AND WIRING
	WHERE THEY PAS	PA31350 CONDITION POOR. ALI SS THROUGH BAFFLES.	TIO540J2BD LELECTRICAL WIRE DRAIN LINES AND I	HCE3YR2 SS, IGNITION HARNE		AND OIL HOSES NOT SECU PUMP AND WASTE GATE	RT ENG JRED. NO GROMMETS TO F MISSING. CHT PROBE FITT		AU980122 SES AND WIRING NCORRECT
	WHERE THEY PAS CYLINDER.	PA31350 CONDITION POOR. ALI SS THROUGH BAFFLES. PIPER	TIO540J2BD L ELECTRICAL WIRE DRAIN LINES AND F LYC TIO540F2BD	HCE3YR2 ES, IGNITION HARNE FITTINGS FOR FUEL	PUMP, HYDRAULIC	AND OIL HOSES NOT SECUPUMP AND WASTE GATE ENGINE	RT ENG JRED. NO GROMMETS TO F MISSING. CHT PROBE FITT FRICTION		AU980122 SES AND WIRING NCORRECT 2/5/98
8520 8530	WHERE THEY PAS CYLINDER.	PA31350 CONDITION POOR. ALISS THROUGH BAFFLES. PIPER PA31325	TIO540J2BD L ELECTRICAL WIRE DRAIN LINES AND F LYC TIO540F2BD	HCE3YR2 ES, IGNITION HARNE FITTINGS FOR FUEL	PUMP, HYDRAULIC	AND OIL HOSES NOT SECUPUMP AND WASTE GATE ENGINE	RT ENG JRED. NO GROMMETS TO F MISSING. CHT PROBE FITT FRICTION		AU980122 SES AND WIRING NCORRECT 2/5/98
8520	WHERE THEY PAS CYLINDER.	PA31350 CONDITION POOR. ALI SS THROUGH BAFFLES. PIPER PA31325 CAUSE OF FRICTION IN	TIO540J2BD L ELECTRICAL WIRE DRAIN LINES AND F LYC TIO540F2BD N THE CRANKCASE.	HCE3YR2 S, IGNITION HARNE FITTINGS FOR FUEL ENGINE SENT FOR II	PUMP, HYDRAULIC	AND OIL HOSES NOT SECUPUMP AND WASTE GATE ENGINE O REPAIR.	RT ENG JRED. NO GROMMETS TO F MISSING. CHT PROBE FITT FRICTION NR 1 ENGINE		AU980122 SES AND WIRING NCORRECT 2/5/98 CA980311012
8520	WHERE THEY PASS CYLINDER. (CAN) UNKNOWN (AUS) LH ENGINE	PA31350 CONDITION POOR. ALISS THROUGH BAFFLES. PIPER PA31325 CAUSE OF FRICTION IN PIPER PA31350	TIO540J2BD L ELECTRICAL WIRE DRAIN LINES AND F LYC TIO540F2BD N THE CRANKCASE. LYC TIO540J2BD ER HAD LOW COMP	HCE3YR2 ES, IGNITION HARNE FITTINGS FOR FUEL ENGINE SENT FOR II HARTZL HCE3YR2	PUMP, HYDRAULIC	AND OIL HOSES NOT SECUPUMP AND WASTE GATE ENGINE D REPAIR. CYLINDER LW13918	RT ENG JRED. NO GROMMETS TO F MISSING. CHT PROBE FITT FRICTION NR 1 ENGINE DEFECTIVE	ED TO THE I	AU980122 SES AND WIRING NCORRECT 2/5/98 CA980311012 2/5/98 AU980116
8520	WHERE THEY PASS CYLINDER. (CAN) UNKNOWN (AUS) LH ENGINE	PA31350 CONDITION POOR. ALISS THROUGH BAFFLES. PIPER PA31325 CAUSE OF FRICTION IN PIPER PA31350 NO2 AND NO3 CYLIND	TIO540J2BD L ELECTRICAL WIRE DRAIN LINES AND F LYC TIO540F2BD N THE CRANKCASE. LYC TIO540J2BD ER HAD LOW COMP	HCE3YR2 ES, IGNITION HARNE FITTINGS FOR FUEL ENGINE SENT FOR II HARTZL HCE3YR2	PUMP, HYDRAULIC	AND OIL HOSES NOT SECUPUMP AND WASTE GATE ENGINE D REPAIR. CYLINDER LW13918	RT ENG JRED. NO GROMMETS TO F MISSING. CHT PROBE FITT FRICTION NR 1 ENGINE DEFECTIVE LT ENG NR 2-3	ED TO THE I	AU980122 SES AND WIRING NCORRECT 2/5/98 CA980311012 2/5/98 AU980116
8520 8530	WHERE THEY PASS CYLINDER. (CAN) UNKNOWN (AUS) LH ENGINE	PA31350 CONDITION POOR. ALISS THROUGH BAFFLES. PIPER PA31325 CAUSE OF FRICTION IN PIPER PA31350 NO2 AND NO3 CYLIND ON SINCE A BULK STRIF	TIO540J2BD L ELECTRICAL WIRE DRAIN LINES AND F LYC TIO540F2BD N THE CRANKCASE. LYC TIO540J2BD ER HAD LOW COMP.	HCE3YR2 ES, IGNITION HARNE FITTINGS FOR FUEL ENGINE SENT FOR II HARTZL HCE3YR2	PUMP, HYDRAULIC	AND OIL HOSES NOT SECUPUMP AND WASTE GATE ENGINE D REPAIR. CYLINDER LW13918 GED. AFT THROUGH BOL	RT ENG JRED. NO GROMMETS TO F MISSING. CHT PROBE FITT FRICTION NR 1 ENGINE DEFECTIVE LT ENG NR 2-3 TS EXCESSIVELY LOOSE. I	ED TO THE I	AU980122 SES AND WIRING NCORRECT 2/5/98 CA980311012 2/5/98 AU980116 0 COMPLETED 14

<u>INTERNATIONAL SERVICE DIFFICULTY REPORT SUMMARY - COMPONENTS</u>

3/20/08 -	4/4/98	ICCLIE.	98-14	ZAC-327
3149190 •	4/4/20	ISSUE:	70-1 4	7/AU-34/

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
3416		BEECH	CONT	MCAULY		ENCODER	FAILED		1/18/98
		95B55	IO470L	2AF34C55		AK350	ALTIMETER		AU980168
	(AUS) ALTITUDE E	NCODER FAULTY. PER	SONNEL/MAINTENA	NCE ERROR.					
2312		SNIAS	TMECA			TRANSCEIVER	FAILED		2/19/97
		AS350B	ARRIEL1B			9210121	COCKPIT		CA970327026
	(CAN) VHF-FM TRA	NSCEIVER NO SIDE TO	ONE, UNABLE TO ADJ	JUST.					
2312		SNIAS	TMECA			VHF COMM	INTERMITTANT		2/26/97
		AS350B	ARRIEL1B			064105430	DISPLAY	109	CA970327023
	(CAN) LED LEVEL I	NTERMITTANT, UNA	BLE TO SEE DISPLAY	IN DAYLIGHT.					
(End of IN	ΓERNATIONAL SER	VICE DIFFICULTY R	EPORT SUMMARY	- COMPONENTS)					

INTERNATIONAL SERVICE DIFFICULTY REPORT SUMMARY - PROPELLERS

3/29/98 - 4/4/98 ISSUE: 98-14 ZAC-327

ATA REG. NO OPER SERIAL NO

ACFT MAKE ACFT MODEL ENG MAKE ENG MDL

PROP MAKE PROP MDL

COMP MFG COMP MDL PART NAME PART NUMBER PART COND PART LOC. TT DIFF. DATE
TSO OPER CONT NO

(There was no data for this report.)

(End of INTERNATIONAL SERVICE DIFFICULTY REPORT SUMMARY - PROPELLERS)



SERVICE DIFFICULTY REPORT SUMMARY GENERAL AVIATION - INDEX



The following information provides a tally of the Service Difficulty Reports (SDR's) contained in this weeks issue of the General Aviation SDR Summary. The totals represent only a summation of the SDR's that were submitted to the FAA, Aviation Data Systems Branch, AFS-620, and processed in time for inclusion in the Summary. The first table is a tally of the number of SDR's submitted through the indicated Flight Standards District Office (FSDO). The second table sorts the SDR's by the aircraft or equipment make and model. The heading at the top of each table provides a two digit Joint Aircraft System/Component (JASC) code grouping (e.g., JASC codes 1100 thru 1800 are represented by the heading labeled 11-18) which categorizes in general, the problem areas for each reported discrepancy.

The Flight Standards Service Difficulty Program objective is to achieve prompt and appropriate correction of conditions adversely affecting continued airworthiness of aeronautical products. This is accomplished by the collection of Service Difficulty and Malfunction or Defect Reports. SDR's are consolidation and collation into common data base where they are analyzed for trends, problems, and alert information. This information is then disseminated to the appropriate segments of the aviation community and to other FAA offices.

The number of SDR's submitted is not an indicator of the mechanical reliability or fitness of an air carrier's aircraft fleet and should not be used as such. The air carriers certificate holding office has the primary responsibility for planning, programming evaluations, and assessing the performance of operators. Questions regarding an air carrier's fleet performance should be directed to the appropriate Flight Standards District Office, Certificate Management Office, or Certificate Management Unit.

GENERAL AVIATION SUMMARY INDEX BY DISTRICT OFFICE

	3/29/98 To 4/4/98	ISSUE: 98-14	ZAC-327
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DISTRICT			SDR TOTA	LS BY FAA A	TA SYSTEM	CHAPTER			
OFFICE	11-18	21-29	30-38	45-49	51-57	61-67	71-79	80-85	TOTAL
AU S	0	12	10	0	13	3	12	7	57
CA	0	13	9	0	14	15	13	2	66
FS 01	0	0	0	0	0	1	0	0	1
GL 11	0	0	2	0	0	0	0	0	2
NM 09	0	0	0	0	0	1	0	0	1
SO 17	0	0	0	0	0	1	0	0	1
SW 03	0	45	32	0	15	42	33	0	167
SW 05	0	0	0	0	0	0	1	0	1
SW 09	0	0	0	0	0	1	1	0	2
WP 01	0	1	0	0	0	1	0	0	2
WP 07	0	1	0	0	0	0	0	0	1
WP 23	0	0	0	0	0	0	1	0	1
WP 27	0	1	0	0	0	0	0	0	1
TOTALS	0	73	53	0	42	65	61	9	303

GENERAL AVIATION SUMMARY INDEX by MANUFACTURER MAKE and MODEL

3/29/98 To 4/4/98 ISSUE: 98-14 ZAC-327

AIRCRAFT MAKE	AIRCRAFT MODEL	11-18	21-29	SDR TOTA 30-38	LS BY FAA A 45-49	TA SYSTEM (51-57	CHAPTER 61-67	71-79	80-85	TOTAL
AEROSP	AS355F	0	0	0	0	0	1	0	0	1
AEROSP	AS355F1	0	0	0	0	0	2	0	0	2
BBAVIA	8GCBC	0	0	1	0	0	0	0	0	1
ВЕЕСН	200BEECH	0	1	2	0	0	2	1	0	6
ВЕЕСН	200CBEECH	0	0	2	0	0	0	0	0	2
ВЕЕСН	35C33	0	0	0	0	0	0	0	1	1
ВЕЕСН	58	0	1	1	0	0	0	2	0	4
ВЕЕСН	76	0	0	0	0	0	0	0	1	1
ВЕЕСН	95B55	0	0	1	0	0	0	0	0	1
ВЕЕСН	A100	0	0	0	0	1	0	0	0	1
ВЕЕСН	B100	0	0	0	0	0	0	1	0	1
ВЕЕСН	B200C	0	0	1	0	0	0	0	0	1
ВЕЕСН	F33A	0	1	0	0	0	0	0	0	1
ВЕЕСН	F90	0	1	0	0	0	0	0	0	1
BELL	206B	0	4	0	0	4	3	1	0	12
BELL	206B3	0	3	1	0	0	2	3	0	9
BELL	206L	0	0	0	0	2	0	1	0	3
BELL	206L1	0	1	1	0	2	5	3	0	12
BELL	206L3	0	4	1	0	0	3	6	0	14
BELL	206L4	0	0	0	0	0	0	1	0	1
BELL	212	0	1	2	0	1	0	1	0	5
BELL	214ST	0	8	4	0	0	5	0	0	17
BELL	407	0	0	0	0	0	3	0	0	3
BELL	412	0	18	8	0	13	5	12	0	56
BOEING	234	0	0	0	0	0	1	0	0	1
BOLKMS	BK117A4	0	0	0	0	0	0	1	0	1
BOLKMS	BK117B1	0	1	0	0	0	0	1	0	2

AIRCRAFT										
MAKE	MODEL	11-18	21-29	30-38	45-49	51-57	61-67	71-79	80-85	TOTAL
BOLKMS	BK117B2	0	1	1	0	0	0	1	0	3
BOLKMS	BO105C	0	0	0	0	0	1	1	0	2
BOLKMS	BO105S	0	2	3	0	0	9	3	0	17
CAMAIR	480	0	0	0	0	0	0	1	0	1
CESSNA	150M	0	0	0	0	0	0	1	0	1
CESSNA	152	0	0	0	0	1	0	0	0	1
CESSNA	172H	0	0	0	0	1	0	0	0	1
CESSNA	172L	0	0	0	0	0	0	0	1	1
CESSNA	182H	0	3	0	0	10	0	0	1	14
CESSNA	208	0	1	0	0	0	0	0	0	1
CESSNA	208B	0	1	0	0	0	0	0	0	1
CESSNA	210L	0	0	2	0	0	0	0	0	2
CESSNA	210M	0	0	0	0	0	0	0	1	1
CESSNA	310Q	0	0	1	0	0	0	0	0	1
CESSNA	310R	0	1	0	0	0	0	0	0	1
CESSNA	337	0	0	0	0	0	0	1	0	1
CESSNA	402C	0	1	0	0	0	0	0	0	1
CESSNA	421C	0	1	0	0	0	0	0	0	1
CESSNA	441	0	1	0	0	0	0	0	0	1
CESSNA	500CESSNA	0	0	1	0	0	0	0	0	1
CESSNA	550	0	2	2	0	0	0	0	0	4
CESSNA	U206F	0	0	0	0	0	0	1	0	1
CNDAIR	CL6012A12	0	0	0	0	0	0	1	0	1
DHAV	DHC6300	0	0	0	0	1	0	0	0	1
EMB	EMB110P1	0	0	0	0	0	0	1	0	1
FLEET	FLEET80	0	0	0	0	1	0	0	0	1
GULSTM	690A	0	0	1	0	0	0	0	0	1

GENERAL AVIATION SUMMARY INDEX by MANUFACTURER MAKE and MODEL (cont'd)							3/29/98 To 4/4/98 ISSUE: 98-14 ZAC-32			
AIRCRAFT	AIRCRAFT		SDR TOTALS BY FAA ATA SYSTEM CHAPTER							
MAKE	MODEL	11-18	21-29	30-38	45-49	51-57	61-67	71-79	80-85	TOTAL
GULSTM	690D	0	0	0	0	1	0	0	0	1
HUGHES	269C	0	0	0	0	0	1	0	0	1
HUGHES	369D	0	0	2	0	0	1	1	0	4
HUGHES	369HS	0	0	0	0	0	0	1	0	1
MTSBSI	MU2B30	0	0	1	0	0	0	0	0	1
PARTEN	P68B	0	0	0	0	0	0	1	0	1
PIPER	PA28R201	0	0	1	0	0	0	0	0	1
PIPER	PA31	0	0	0	0	1	0	0	0	1
PIPER	PA31325	0	0	0	0	0	0	0	1	1
PIPER	PA31350	0	3	5	0	2	1	6	3	20
SKRSKY	S76	0	0	1	0	0	1	0	0	2
SKRSKY	S76A	0	7	7	0	0	5	1	0	20
SNIAS	AS350B	0	4	0	0	1	6	4	0	15
SNIAS	AS350B1	0	0	0	0	0	1	0	0	1
SNIAS	AS350B2	0	0	0	0	0	3	2	0	5
SNIAS	AS350BA	0	0	0	0	0	4	0	0	4
SUKHOI	SU26M	0	1	0	0	0	0	0	0	1

(End of AIR CARRIER SUMMARY INDEX by OPERATOR Report)

TOTALS

JOINT AIRCRAFT SYSTEM/COMPONENT CODE TABLE

PREFACE

The Joint Aircraft System/Component (JASC) Code Table is a modified version of the Air Transport Association of America (ATA), Specification 100 code. It was developed by the Federal Aviation Administration's (FAA), Aviation Data Systems Branch (AFS-620). Technical support was provided by the Galaxy Scientific Corporation, and various representatives of the air carrier and general aviation community.

Over the past four years, the JASC format of the ATA Spec 100 code has gained widespread industry acceptance. In a harmonized effort, the FAA's counterparts in Australia and Canada have adopted the JASC code with only a few exceptions. Some Canadian aircraft manufacturers have also recently adopted this new stardard.

This code table is constructed by using the new JASC four (4) digit code, along with an abbreviated code title. The abbreviated titles have been modified in some cases to clarify the intended use of the accompanying code. This table can be used as a quick reference chart, to assist in the coding and review of aircraft structures or systems data (i.e., Service Difficulty Report (SDR), Accident/Incident Report).

The current coding scheme used in the JASC code was introduced in May 1991, for the technical classification of SDR's. Its predecessor, the FAA aircraft system/component code, was a similar but more complex eight-digit code which was developed over 25 years ago. It was constructed around the computer technology of that period. It consisted of a four digit numerical code plus a four alpha character code to make data retrieval possible. Since that time, computer technology has advanced many fold. Reducing the code from eight to four characters simplifies coding, and in some cases, makes JASC coding match the ATA Specification 100 first three digits, which are used to identify aircraft systems. The ATA code does not reference the fourth digit, so it is free to be used for identifying components.

The JASC code aircraft structural section has increased due to problems inherent with aging aircraft. As an example, FAA code 5301 SXBD was expanded to 20 items due to the high rate of reporting in this area (8021 structural reports were received in 1989). In some instances, there was very little reporting and codes were combined into other systems if the safety impact was not significant. The overall reduction in codes has been from 568 FAA codes to 488 JASC codes, with the significant increase being in the structural area as stated earlier.

The JASC code divides the engine section into two major code groups to separate the turbine and reciprocating engines. The codes for the turbine engines are in JASC Chapter 72, Turbine/Turboprop Engine. The codes for the reciprocating engines are now exclusively found in JASC Chapter 85, Reciprocating Engine.

The other major deviation from ATA Spec 100 is in ATA section 2730, specifically involves the stall warning system. Early technology (primarily on smaller aircraft) directly linked the sensing of flight attitude to one of the components which furnished the means of manually controlling the flight attitude characteristics (elevator). Today, most large transport category aircraft utilize electronic units to sense the change in the environmental condition called stall, and use the data to influence navigation. ATA section 3410, Flight Environment Data, includes high speed warning in its code definition. Stall warning (low speed) is the reciprocal term of high speed warning, so its filing under the same code appears more logical. Thus, with the JASC code it was decided to move the stall warning system to Chapter 34 under the separate code JASC code 3418, Stall Warning System.

The FAA is continuing to pursue worldwide involvement from operators and manufacturers in addressing the need for international standardization of aircraft system/component codes. The ultimate goal is to develop a universal aircraft/component numbering standard which can be used in the manufacturer's maintenance manual, wiring diagram manual, system manuals and illustrated parts catalog. This harmonized standard must be a usable standard for the aircraft manufacturers, air carrier operators and the general aviation community.

We welcome comments and feedback regarding the possible forming of working groups to achieve this long range consideration of possibly harmonizing the ATA Specification 100 code and the JASC code. Comments may be directed to the FAA, Aviation Data Sytem Branch, AFS-620, P.O. Box 25082, Oklahoma City, OK 73125.

JOINT AIRCRAFT SYSTEM/COMPONENT CODE TABLE

JASC/ TITLE

2170 HUMIDITY CONTROL SYSTEM

11 PLACARDS AND I	MARKINGS 22	AUTO FLIGHT	24 E	LECTRICAL POWER CONT'D
1100 PLACARDS AND M	ARKINGS 2200	AUTO FLIGHT SYSTEM	2424	AC REGULATOR
	2210	AUTOPILOT SYSTEM	2425	AC INDICATING SYSTEM
12 SERVICING	2211	AUTOPILOT COMPUTER	2430	DC GENERATING SYSTEM
12 02/(1/0//10	2212	ALTITUDE CONTROLLER	2431	BATTERY OVERHEAT WARN. SYSTEM
1010 - FUEL OFFICIONO	2213	FLIGHT CONTROLLER	2432	BATTERY/CHARGER SYSTEM
1210 FUEL SERVICING	2214	AUTOPILOT TRIM INDICATOR	2433	DC RECTIFIER-CONVERTER
1220 OIL SERVICING	2215	AUTOPILOT MAIN SERVO	2434	DC GENERATOR-ALTERNATOR
1230 HYDRAULIC FLUID	2216	AUTOPILOT TRIM SERVO	2435	STARTER-GENERATOR
1240 COOLANT SERVICE	NG 2220	SPEED-ATTITUDE CORRECT. SYSTEM	2436	DC REGULATOR
40 HELICOPTED VIDE	ATION 2230	AUTO THROTTLE SYSTEM	2437	DC INDICATING SYSTEM
18 HELICOPTER VIBR	2250	AERODYNAMIC LOAD ALLEVIATING	2440	EXTERNAL POWER SYSTEM
1800 HELICOPTER VIB/N	IOISE ANALYSIS		2450	AC POWER DISTRIBUTION SYSTEM
1810 HELICOPTER VIBR	ATION ANALYSIS 23	COMMUNICATIONS	2460	DC POW ER/DISTRIBUTION SYSTEM
1820 HELICOPTER NOIS	E ANALYSIS			
24 AIR CONDITIONIN	2300	COMMUNICATIONS SYSTEM	<u> 25 E</u>	QUIPM ENT/FURNISHINGS
21 AIR CONDITIONIN		HF COMMUNICATION SYSTEM	0.5.0.0	CARIN FOLURAENT/FURNICUINGS
2100 AIR CONDITIONING	S SYSTEM 2311	UHF COMMUNICATION SYSTEM	2500	CABIN EQUIPMENT/FURNISHINGS
2110 CABIN COMPRESS	2212	VHF COMMUNICATION SYSTEM	2510	FLIGHT COMPARTMENT EQUIPMENT
2120 AIR DISTRIBUTION	2220	DATA TRANSMISSION AUTO CALL	2520	PASSENGER COMPARTMENT EQUIPMENT
2121 AIR DISTRIBUTION	2330	ENTERTAINMENT SYSTEM	2530	BUFFET/GALLEYS
2130 CABIN PRESSURE	2240	INTERPHONE & PA SYSTEM	2540	LAVATORIES
2131 CABIN PRESSURE	2250	AUDIO INTEGRATING SYSTEM	2550	CARGO COMPARTMENTS
2132 CABIN PRESSURE	2260	STATIC DISCHARGE SYSTEM	2551	AGRICULTURAL SPRAY SYSTEM
2133 PRESSURE REGUL	2370	AUDIO/VIDEO MONITORING	2560	EMERGENCY EQUIPMENT
2134 CABIN PRESSURE		ELECTRICAL POWER	2561	LIFE JACKET
2140 HEATING SYSTEM	<u> </u>	<u> LEEGIRIOAL I OW ER</u>	2562	EMERGENCY LOCATOR BEACON
2150 CABIN COOLING S	YSTEM 2400	ELECTRICAL POWER SYSTEM	2563	PARACHUTE
	JRE CONTROL SYSTEM 2410	ALTERNATOR-GENERATOR DRIVE	2564	LIFE RAFT
2161 CABIN TEM PERATU			2565	ESCAPE SLIDE
2162 CABIN TEMPERATI		AC GENERATOR-ALTERNATOR	2570	ACCESSORY COMPARTMENT
2163 CABIN TEMPERATU		AC INVERTER	2571	BATTERY BOX STRUCTURE
	7KE 0EN00K ==		2572	ELECTRONIC SHELF SECTION

2423 PHASE ADAPTER

26 FIRE PROTECTION	<u>29 l</u>	HYDRAULIC POWER	32 L	ANDING GEAR
2600 FIRE PROTECTION SYSTEM	2900	HYDRAULIC POWER SYSTEM	3200	LANDING GEAR SYSTEM
2610 DETECTION SYSTEM	2910	HYDRAULIC, MAIN SYSTEM	3201	LANDING GEAR/WHEEL FAIRING
2611 SMOKE DETECTION	2911	HYDRAULIC POWER-ACCUMULATOR-MAIN	3210	MAIN LANDING GEAR
2612 FIRE DETECTION	2912	HYDRAULIC FILTER-MAIN SYSTEM	3211	MAIN LANDING GEAR ATTACH SECTION
2613 OVERHEAT DETECTION	2913	HYDRAULIC PUMP. ELECT-ENGMAIN	3212	EMERGENCY FLOTATION SECTION
2620 EXTINGUISHING SYSTEM	2914	HYDRAULIC HANDPUMP-MAIN	3213	MAIN LANDING GEAR STRUT/AXLE/TRUCK
2621 FIRE BOTTLE, FIXED	2915	HYDRAULIC PRESSURE RELIEF VLV-MAIN	3220	NOSE/TAIL LANDING GEAR
2622 FIRE BOTTLE, PORTABLE	2916	HYDRAULIC RESERVOIR-MAIN	3221	NOSE/TAIL LANDING GEAR ATTACH SECTION
AZ FILOUT CONTROL C	2917	HYDRAULIC PRESSURE REGULATOR-MAIN	3222	NOSE/TAIL LANDING GEAR STRUT/AXLE
27 FLIGHT CONTROLS	2920	HYDRAULIC, AUXILIARY SYSTEM	3230	LANDING GEAR RETRACT/EXT. SYSTEM
2700 FLIGHT CONTROL SYSTEM	2921	HYDRAULIC ACCUMULATOR-AUXILIARY	3231	LANDING GEAR DOOR RETRACT SECTION
2701 CONTROL COLUMN SECTION	2922	HYDRAULIC FILTER-AUXILIARY	3232	LANDING GEAR DOOR ACTUATOR
2710 AILERON CONTROL SYSTEM	2923	HYDRAULIC PUMP-AUXILIARY	3233	LANDING GEAR ACTUATOR
2711 AILERON TAB CONTROL SYSTEM	2925	HYDRAULIC PRESSURE RELIEF-AUXILIARY	3234	LANDING GEAR SELECTOR
2720 RUDDER CONTROL SYSTEM	2926	HYDRAULIC RESERVOIR-AUXILIARY	3240	LANDING GEAR BRAKE SYSTEM
2721 RUDDER TAB CONTROL SYSTEM	2927	HYDRAULIC PRESSURE REGULATOR-AUX.	3241	BRAKE ANTI-SKID SECTION
2722 RUDDER ACTUATOR	2930	HYDRAULIC SYSTEM INDICATING	3242	BRAKE
2730 ELEVATOR CONTROL SYSTEM	2931	HYDRAULIC PRESSURE INDICATOR	3243	MASTER CYL/BRAKE VALVE
2731 ELEVATOR TAB CONTROL SYSTEM	2932	HYDRAULIC PRESSURE SENSOR	3244	TIRE
2740 STABILIZER CONTROL SYSTEM	2933	HYDRAULIC QUANTITY INDICATOR	3245	TIRE TUBE
2741 STABILIZER POSITION INDICATING	2934	HYDRAULIC QUANTITY SENSOR	3246	WHEEL/SKI/FLOAT
2742 STABILIZER ACTUATOR	30	ICE AND RAIN PROTECTION	3250	LANDING GEAR STEERING SYSTEM
2750 TE FLAP CONTROL SYSTEM			3251	STEERING UNIT
2751 TE FLAP POSITION IND. SYSTEM	3000	ICE/RAIN PROTECTION SYSTEM	3252	SHIMMY DAMPER
2752 TE FLAP ACTUATOR	3010	AIRFOIL ANTI/DE-ICE SYSTEM	3260	LANDING GEAR POSITION & WARNING
2760 DRAG CONTROL SYSTEM	3020	AIR INTAKE ANTI/DE-ICE SYSTEM	3270	AUXILIARY GEAR (TAIL SKID)
2761 DRAG CONTROL ACTUATOR	3030	PITOT/STATIC ANTI-ICE SYSTEM	33 I	<u>.IGHTS</u>
2770 GUST LOCK/DAMPER SYSTEM	3040	WINDSHIELD/DOOR RAIN/ICE REMOVAL		
2780 LE FLAP CONTROL SYSTEM	3050	ANTENNA/RADOME ANTI-ICE/DE-ICE SYSTEM	3300	LIGHTING SYSTEM
2781 LE FLAP POSITION IND. SYSTEM	3060	PROP/ROTOR ANTI-ICE/DE-ICE SYSTEM	3310	FLIGHT COMPARTMENT LIGHTING
2782 LE FLAP ACTUATOR	3070	WATER LINE ANTI-ICE SYSTEM	3320	PASSENGER COMPARTMENT LIGHTING
28 FUEL	3080	ICE DETECTION	3330	CARGO COMPARTMENT LIGHTING
2800 AIRCRAFT FUEL SYSTEM	<u>31</u>	INSTRUMENTS	3340 3350	EXTERIOR LIGHTING EMERGENCY LIGHTING
2810 FUEL STORAGE	3100	INDICATING/RECORDING SYSTEM		
2820 ACFT FUEL DISTRIB. SYSTEM	3110	INSTRUMENT PANEL	<u>34 N</u>	<u>IAVIGATION</u>
2821 ACFT FUEL FILTER/STRAINER	3120	INDEPENDENT INSTRUMENTS (CLOCK, ETC.)	3400	NAVIGATION SYSTEM
2822 FUEL BOOST PUMP	3130	DATA RECORDERS (FLT/MAINT)	3410	FLIGHT ENVIRONMENT DATA
2823 FUEL SELECTOR/SHUTOFF VALVE	3140	CENTRAL COMPUTERS (EICAS)	3411	PITOT/STATIC SYSTEM
2824 FUEL TRANSFER VALVE	3150	CENTRAL WARNING	3412	OUTSIDE AIR TEMP. IND./SENSOR
2830 FUEL DUMP SYSTEM	3160	CENTRAL DISPLAY	3413	RATE OF CLIMB INDICATOR
2840 ACFT FUEL INDICATING	3170	AUTOMATIC DATA	3414	AIRSPEED/MACH INDICATING
2841 FUEL QUANTITY INDICATOR			3415	HIGH SPEED WARNING
2842 FUEL QUANTITY SENSOR			3416	ALTIMETER, BAROMETRIC/ENCODER
2843 FUEL TEMPERATURE INDICATING				

2844 FUEL PRESSURE INDICATOR

34 NAVIGATION CONT'D	37 VACUUM	5247 APU DOORS
3417 AIR DATA COMPUTER	3700 VACUUM SYSTEM	5248 TAIL CONE DOORS
3418 STALL WARNING SYSTEM	3710 VACUUM DISTRIBUTION SYSTEM	5250 FIXED INNER DOORS
3420 ATTITUDE AND DIRECTION DATA SYSTEM	3720 VACUUM INDICATING SYSTEM	5260 ENTRANCE STAIRS
3421 ATTITUDE GYRO & IND. SYSTEM		5270 DOOR WARNING SYSTEM
3422 DIRECTIONAL GYRO & IND. SYSTEM	<u>38 WATER/WASTE</u>	5280 LANDING GEAR DOORS
3423 MAGNETIC COMPASS	3800 WATER & WASTE SYSTEM	53 FUSELAGE
3424 TURN & BANK/RATE OF TURN INDICATOR	3810 POTABLE WATER SYSTEM	5300 FUSELAGE STRUCTURE (GENERAL)
3425 INTEGRATED FLT. DIRECTOR SYSTEM	3820 WASH WATER SYSTEM	5301 AERIAL TOW EQUIPMENT
3430 LANDING & TAXI AIDS	3830 WASTE DISPOSAL SYSTEM	5302 ROTORCRAFT TAIL BOOM
3431 LOCALIZER/VOR SYSTEM	3840 AIR SUPPLY (WATER PRESS. SYSTEM)	5310 FUSELAGE MAIN STRUCTURE
3432 GLIDE SLOPE SYSTEM 3433 MICROWAVE LANDING SYSTEM	45 CENTRAL MAINT. SYSTEM	5311 FUSELAGE MAIN FRAME 5312 FUSELAGE MAIN BULKHEAD
3434 MARKER BEACON SYSTEM	4500 CENTRAL MAINT. COMPUTER	5313 FUSELAGE MAIN LONGERON/STRINGER
3435 HEADS UP DISPLAY SYSTEM		5314 FUSELAGE MAIN KEEL
3436 WIND SHEAR DETECTION SYSTEM	49 AIRBORNE AUXILIARY POWER	5315 FUSELAGE MAIN FLOOR BEAM
3440 INDEPENDENT POS. DETERMINING SYSTEM	ACCO AIRRORNE ARII CVCTEM	5320 FUSELAGE MISCELLANEOUS STRUCTURE
3441 INERTIAL GUIDANCE SYSTEM	4900 AIRBORNE APU SYSTEM 4910 APU COWLING/CONTAINMENT	5321 FUSELAGE FLOOR PANEL
3442 WEATHER RADAR SYSTEM	4910 APU COW LING/CONTAINMENT 4920 APU CORE ENGINE	5322 FUSELAGE INTERNAL MOUNT STRUCTURE
3443 DOPPLER SYSTEM	4930 APU ENGINE FUEL & CONTROL	5323 FUSELAGE INTERNAL STAIRS
3444 GROUND PROXIMITY SYSTEM	4940 APU START/IGNITION SYSTEM	5324 FUSELAGE FIXED PARTITIONS
3445 AIR COLLISION AVOIDANCE SYSTEM (TCAS)	4950 APU BLEED AIR SYSTEM	5330 FUSELAGE MAIN PLATE/SKIN
3446 NON RADAR WEATHER SYSTEM	4960 APU CONTROLS	5340 FUSELAGE MAIN ATTACH FITTINGS
3450 DEPENDENT POSITION DETERMINING SYSTEM	4970 APU INDICATING SYSTEM	5341 WING ATTACH FITTINGS (ON FUSELAGE)
3451 DME/TACAN SYSTEM	4980 APU EXHAUST SYSTEM	5342 STABILIZER ATTACH FITTINGS
3452 ATC TRANSPONDER SYSTEM	4990 APU OIL SYSTEM	5343 LANDING GEAR ATTACH FITTINGS
3453 LORAN SYSTEM	4330 ALCOIL STOTEM	5344 FUSELAGE DOOR HINGES
3454 VOR SYSTEM	51 STANDARD PRACTICES/STRUCTURES	5345 FUSELAGE EQUIPMENT ATTACH FITTINGS
3455 ADF SYSTEM	5400 CTANDADD DDACTICEC/CTDUCTUDEC	5346 POWERPLANT ATTACH FITTINGS
3456 OMEGA NAVIGATION SYSTEM	5100 STANDARD PRACTICES/STRUCTURES 5101 AIRCRAFT STRUCTURES	5347 SEAT/CARGO ATTACH FITTINGS
3457 GLOBAL POSITIONING SYSTEM	5101 AIRCRAFT STRUCTURES 5102 BALLOON REPORTS	5350 FUSELAGE AERODYNAMIC FAIRINGS
3460 FLIGHT MANAGE. COMPUTING SYSTEM	5102 BALLOON REPORTS	54 NACELLES/PYLONS
35 OXYGEN	52 DOORS	5400 NACELLE/PYLON STRUCTURE
	<u></u>	5410 MAIN FRAME (ON NACELLE/PYLON)
3500 OXYGEN SYSTEM	5200 DOORS	5411 FRAME/SPAR/RIB(NACELLE/PYLON)
3510 CREW OXYGEN SYSTEM	5210 PASSENGER/CREW DOORS	5412 BULKHEAD/FIREWALL (NAC/PYLON)
3520 PASSENGER OXYGEN SYSTEM	5220 EMERGENCY EXIT	5413 LONGERON/STRINGER (NAC/PYLON)
3530 PORTABLE OXYGEN SYSTEM	5230 CARGO/BAGGAGE DOORS	5414 PLATE SKIN (NAC/PYLONS)
36 PNEUMATIC	5240 SERVICE DOORS	5415 ATTACH FITTINGS (NAC/PYLON)
3600 PNEUMATIC SYSTEM	5241 GALLEY DOORS	,
3610 PNEUMATIC STSTEM 3610 PNEUMATIC DISTRIBUTION SYSTEM	5242 E/E COMPARTMENT DOORS	<u>55 STABILIZERS</u>
3620 PNEUMATIC DISTRIBUTION STSTEM 3620 PNEUMATIC INDICATING SYSTEM	5243 HYDRAULIC COMPARTMENT DOORS	5500 EMPENNAGE STRUCTURE
3020 THEOMATIC INDICATING STOTEM	5244 ACCESSORY COMPARTMENT DOORS	5510 HORIZONTAL STABILIZER STRUCTURE
	5245 AIR CONDITIONING COMPART. DOORS	5511 HORIZONTAL STABILIZER SPAR/RIB
	5246 FLUID SERVICE DOORS	5512 HORIZONTAL STABILIZER PLATE/SKIN
		5513 HORIZONTAL STABILIZER TAB STRUCTURE
		5520 ELEVATOR STRUCTURE

55 STABILIZERS CONT'D	61 PROPELLERS/PROPULSO	RS 67 ROTORS FLIGHT CONTROL
5521 ELEVATOR SPAR/RIB STRUCTURE	6100 PROPELLER SYSTEM	6700 ROTORCRAFT FLIGHT CONTROL
5522 ELEVATOR PLATES/SKIN STRUCTURE	6110 PROPELLER ASSEMBLY	6710 MAIN ROTOR CONTROL
5523 ELEVATOR TAB STRUCTURE	6111 PROPELLER BLADE SECTIO	N 6711 TILT ROTOR FLIGHT CONTROL
5530 VERTICAL STABILIZER STRUCTURE	6112 PROPELLER DE-ICE BOOT S	ECTION 6720 TAIL ROTOR CONTROL SYSTEM
5531 VERTICAL STABILIZER SPAR/RIB STRU	JCTURE 6113 PROPELLER SPINNER SECT	ON 6730 ROTORCRAFT SERVO SYSTEM
5532 VERTICAL STABILIZER PLATES/SKIN	6114 PROPELLER HUB SECTION	
5533 VENTRAL STRUCTURE (ON VERT. STA	AB) 6120 PROPELLER CONTROL SYST	TEM 71 POWERPLANT
5540 RUDDER STRUCTURE	6121 PROPELLER SYNCHRONIZE	R SECTION 7100 POWERPLANT SYSTEM
5541 RUDDER SPAR/RIB STRUCTURE	6122 PROPELLER GOVERNOR	7110 ENGINE COWLING SYSTEM
5542 RUDDER PLATE/SKIN STRUCTURE	6123 PROPELLER FEATHERING/R	EVERSING 7111 COWL FLAP SYSTEM
5543 RUDDER TAB STRUCTURE	6130 PROPELLER BRAKING	7112 ENGINE AIR BAFFLE SECTION
5550 EMPENNAGE FLT. CONT. ATTACH FIT	TING 6140 PROPELLER INDICATING SY	STEM 7120 ENGINE MOUNT SECTION
5551 HORIZONTAL STABILIZER ATTACH FIT	ITING CO MAIN DOTOR	7130 ENGINE FIRESEALS
5552 ELEVATOR/TAB ATTACH FITTINGS	62 MAIN ROTOR	7160 ENGINE AIR INTAKE SYSTEM
5553 VERT. STAB. ATTACH FITTINGS	6200 MAIN ROTOR SYSTEM	7170 ENGINE DRAINS
5554 RUDDER/TAB ATTACH FITTINGS	6210 MAIN ROTOR BLADES	
	6220 MAIN ROTOR HEAD	72 TURBINE/TURBOPROP ENGINE
<u>56 WINDOWS</u>	6230 MAIN ROTOR MAST/SWASH	HPLATE 7200 ENGINE (TURBINE/TURBOPROP)
5600 WINDOW/WINDSHIELD SYSTEM	6240 MAIN ROTOR INDICATING S	SYSTEM 7210 TURBINE ENGINE REDUCTION GEAR
5610 FLIGHT COMPARTMENT WINDOWS	CO MAIN DOTOR PRIVE	7220 TURBINE ENGINE AIR INLET SECTION
5620 PASSENGER COMPARTMENT WINDOW	MS 63 MAIN ROTOR DRIVE	7230 TURBINE ENGINE COMPRESSOR SECTION
5630 DOOR WINDOWS	6300 MAIN ROTOR DRIVE SYSTE	M 7240 TURBINE ENGINE COMBUSTION SECTION
5640 INSPECTION WINDOWS	6310 ENGINE/TRANSMISSION CC	
	6320 MAIN ROTOR GEARBOX	7260 TURBINE ENGINE ACCESSORY DRIVE
57 WINGS	6321 MAIN ROTOR BRAKE	7261 TURBINE ENGINE OIL SYSTEM
5700 WING STRUCTURE	6322 ROTORCRAFT COOLING FA	N SYSTEM 7270 TURBINE ENGINE BYPASS SECTION
5710 WING MAIN FRAME STRUCTURE	6330 MAIN ROTOR TRANSMISSI	
5711 WING SPAR STRUCTURE	6340 ROTOR DRIVE INDICATING	SYSTEM 73 ENGINE FUEL & CONTROL
5712 WING RIB STRUCTURE	C4 TAU DOTOD	7300 ENGINE FUEL & CONTROL
5713 WING LONGERON/STRINGER	64 TAIL ROTOR	7310 ENGINE FUEL DISTRIBUTION
5714 WING CENTER BOX	6400 TAIL ROTOR SYSTEM	7311 ENGINE FUEL-OIL COOLER
5720 WING MISCELLANEOUS STRUCTURE	6410 TAIL ROTOR BLADE	7312 FUEL HEATER
5730 WING PLATES/SKINS	6420 TAIL ROTOR HEAD	7313 FUEL INJECTOR NOZZLE
5740 WING ATTACH FITTINGS	6440 TAIL ROTOR INDICATING S	YSTEM 7314 ENGINE FUEL PUMP
5741 WING, FUSELAGE ATTACH FITTINGS		7320 FUEL CONTROLLING SYSTEM
5742 WING, NAC/PYLON ATTACH FITTINGS	65 TAIL ROTOR DRIVE	7321 FUEL CONTROL/ELECTRONIC
5743 WING, LANDING GEAR ATTACH FITTI	NGS 6500 TAIL ROTOR DRIVE SYSTEM	7322 FUEL CONTROL/CARBURETOR
5744 CONTROL SURFACE ATTACH FITTING	10000 TAIL ROTOR DRIVE STOTE	7323 TURBINE GOVERNOR
5750 WING CONTROL SURFACE STRUCTUR	6510 TAIL ROTOR DRIVE SHAFT	7324 FUEL DIVIDER
5751 AILERON STRUCTURE	0020 TAIL ROTOR GEARBOX	7330 ENGINE FUEL INDICATING SYSTEM
5752 AILERON TAB STRUCTURE	6540 TAIL ROTOR DRIVE INDICA	7331 FUEL FLOW INDICATING
5753 TE FLAP STRUCTURE		7332 FUEL PRESSURE INDICATING
5754 LEADING EDGE DEVICE STRUCTURE		7333 FUEL FLOW SENSOR
5755 SPOILER STRUCTURE		7334 FUEL PRESSURE SENSOR

74 I	<u>GNITION</u>	<u>78</u>	ENGINE EXHAUST	8530	RECIPROCATING ENGINE CYLINDER SECTION
7400	IGNITION SYSTEM	7800	ENGINE EXHAUST SYSTEM	8540	RECIPROCATING ENGINE REAR SECTION
7410	IGNITION POWER SUPPLY	7810	ENGINE COLLECTOR/TAILPIPE/NOZZLE	8550	RECIPROCATING ENGINE OIL SYSTEM
7411	LOW TENSION COIL	7820	ENGINE NOISE SUPPRESSOR		
7412	EXCITER	7830	THRUST REVERSER		
7413	INDUCTION VIBRATOR				
7414	MAGNETO/DISTRIBUTOR	79	ENGINE OIL		
7420	IGNITION HARNESS (DISTRIBUTION)	15	ENGINE OIL		
7421	SPARK PLUG/IGNITER	7900	ENGINE OIL SYSTEM (AIRFRAME)		
7430	IGNITION SWITCHING	7910	ENGINE OIL STORAGE (AIRFRAME)		
		7920	ENGINE OIL DISTRIBUTION (AIRFRAME)		
75 A	<u>IR</u>	7921	ENGINE OIL COOLER		
7500	ENGINE BLEED AIR SYSTEM	7922	ENGINE OIL TEMP. REGULATOR		
7510 7510	ENGINE ANTI-ICING SYSTEM	7923	OIL SHUTOFF VALVE		
7510	ENGINE COOLING SYSTEM	7930	ENGINE OIL INDICATING SYSTEM		
7530	COM PRESSOR BLEED CONTROL	7931	ENGINE OIL PRESSURE		
7531	COMPRESSOR BLEED GOVERNOR	7932	ENGINE OIL QUANTITY		
7532	COMPRESSOR BLEED VALVE	7933	ENGINE OIL TEMPERATURE		
7540	BLEED AIR INDICATING SYSTEM				
7040	BEEED AIR INDIGATING GIGTEM	80	<u>STARTING</u>		
76 E	NGINE CONTROLS	0.000	ENGINE STARTING SYSTEM		
		8000			
7600	ENGINE CONTROLS	8010			
7601	ENGINE SYNCHRONIZING	8011			
7602	MIXTURE CONTROL	8012	ENGINE START VALVES/CONTROLS		
7603	POWER LEVER	21	TURBOCHARGING		
7620	ENGINE EMERGENCY SHUTDOWN SYSTEM	01	TORBOCHAROINO		
77 E	NGINE INDICATING	8100	EXHAUST TURBINE SYSTEM (RECIP)		
	NOINE INDICATING	8110	POWER RECOVERY TURBINE (RECIP)		
7700	ENGINE INDICATING SYSTEM	8120	EXHAUST TURBOCHARGER		
7710	POWER INDICATING SYSTEM				
7711	ENGINE PRESSURE RATIO (EPR)	<u>82</u>	WATER INJECTION		
7712	ENGINE BM EP/TORQUE INDICATING	8200	WATER INJECTION SYSTEM		
7713	MANIFOLD PRESSURE (MP) INDICATING				
7714	ENGINE RPM INDICATING SYSTEM	<u>83</u>	ACCESSORY GEARBOXES		
7720	ENGINE TEMP. INDICATING SYSTEM	8300	ACCESSORY GEARBOXES		
7721	CYLINDER HEAD TEMP (CHT) INDICATING	0000	ACCESON CEMBONES		
7722	ENG. EGT/TIT INDICATING SYSTEM	8.5	RECIPROCATING ENGINE		
7730	ENGINE IGNITION ANALYZER SYSTEM				
7731	ENGINE IGNITION ANALYZER	8500	,		
7732	ENGINE VIBRATION ANALYZER	8510			
7740	ENGINE INTEGRATED INSTRUMENT SYSTEM	8520	RECIPROCATING ENGINE POWER SECTIO	N	

MECHANICS CREED

UPON MY HONOR I swear that I shall hold in sacred trust the rights and privileges conferred upon me as a certified mechanic. Knowing full well that the safety and lives of others are dependent upon my skill and judgment, I shall never knowingly subject others to risks which I would not be willing to assume for myself, or for those dear to me.

IN DISCHARGING this trust, I pledge myself never to undertake work or approve work which I feel to be beyond the limits of my knowledge; nor shall I allow any non-certificated superior to persuade me to approve aircraft or equipment as airworthy against my better judgment; nor shall I permit my judgment to be influenced by money or other personal gain; nor shall I pass as airworthy aircraft or equipment about which I am in doubt, either as a result of direct inspection or uncertainty regarding the ability of others who have worked on it to accomplish their work satisfactorily.

I REALIZE the grave responsibility which is mine as a certified airman, to exercise my judgment on the airworthiness of aircraft and equipment. I, therefore, pledge unyielding adherence to these precepts for the advancement of aviation and for the dignity of my vocation.